

SONY

VIDEOCASSETTE RECORDER

BVU-950P



Professional **U-matic** **SP**

MAINTENANCE MANUAL

Volume 2 1st Edition (Revised 16)

Serial No.10001 and Higher

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SYSTEM CONTROL

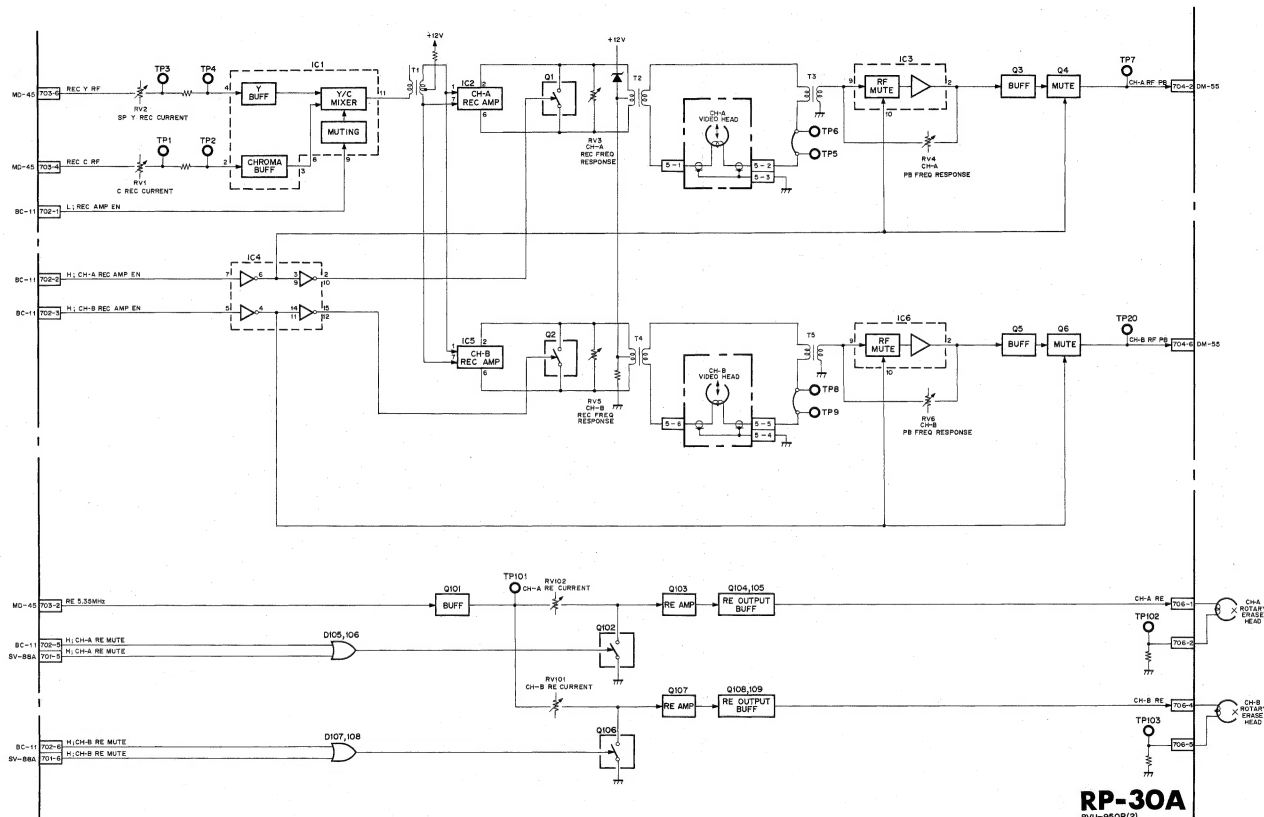
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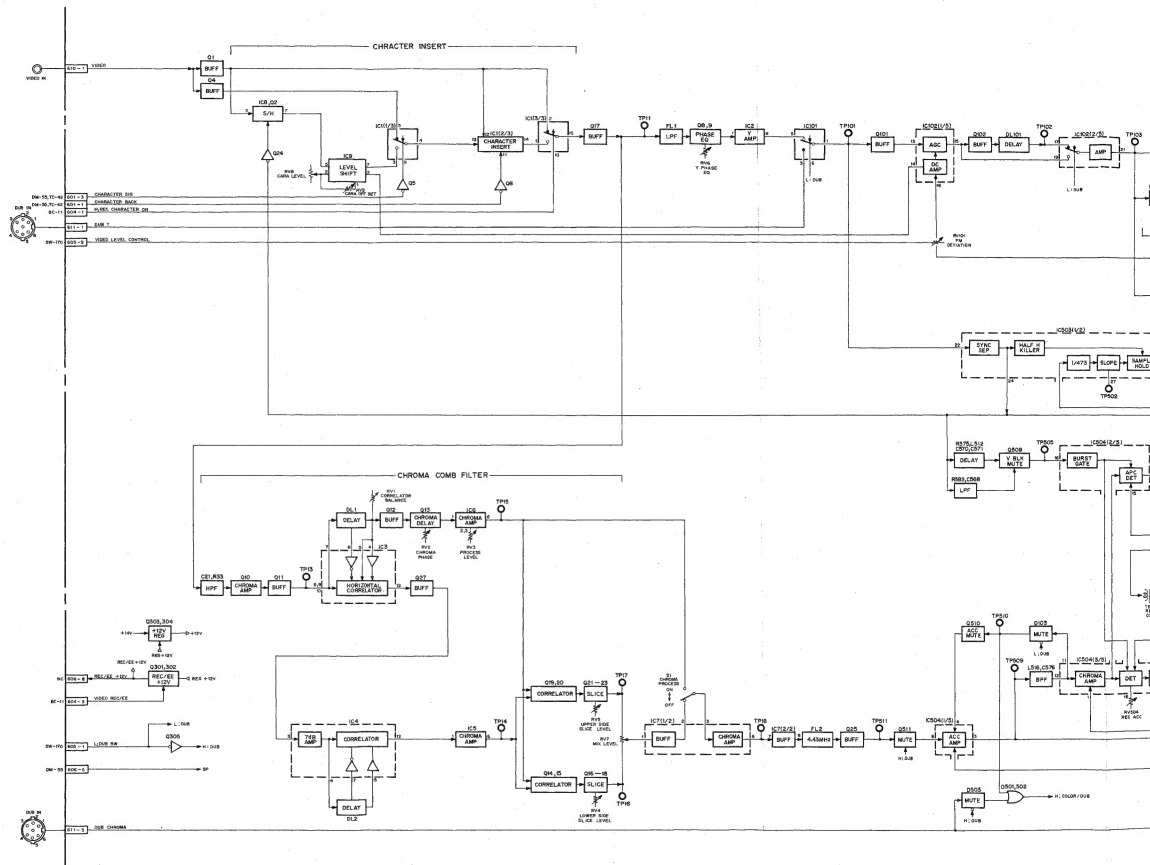
SECTION 14
BLOCK DIAGRAMS

RF REC/PB /ROTARY ERASE



RP-30A
SVU-950P(2)

Y/C MODULATOR

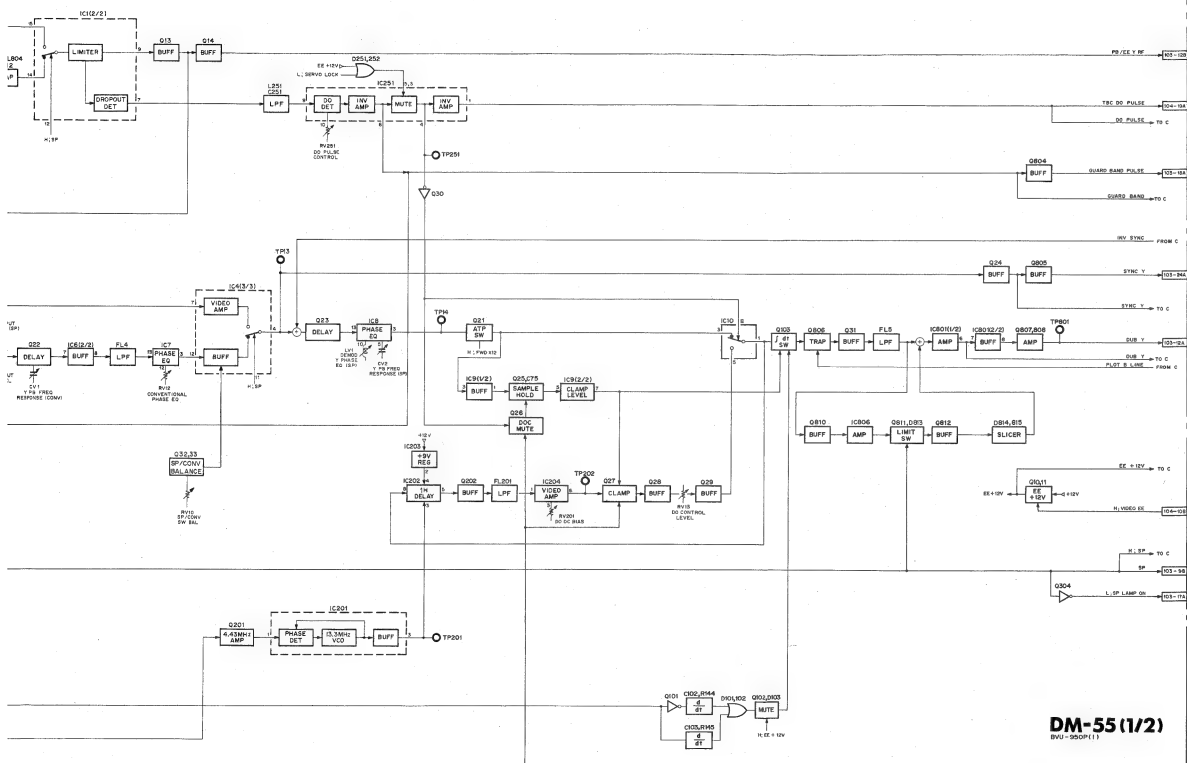


Y/C MODULATOR



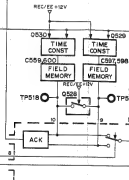
Y DEMODULATOR	Y DEMODULATOR
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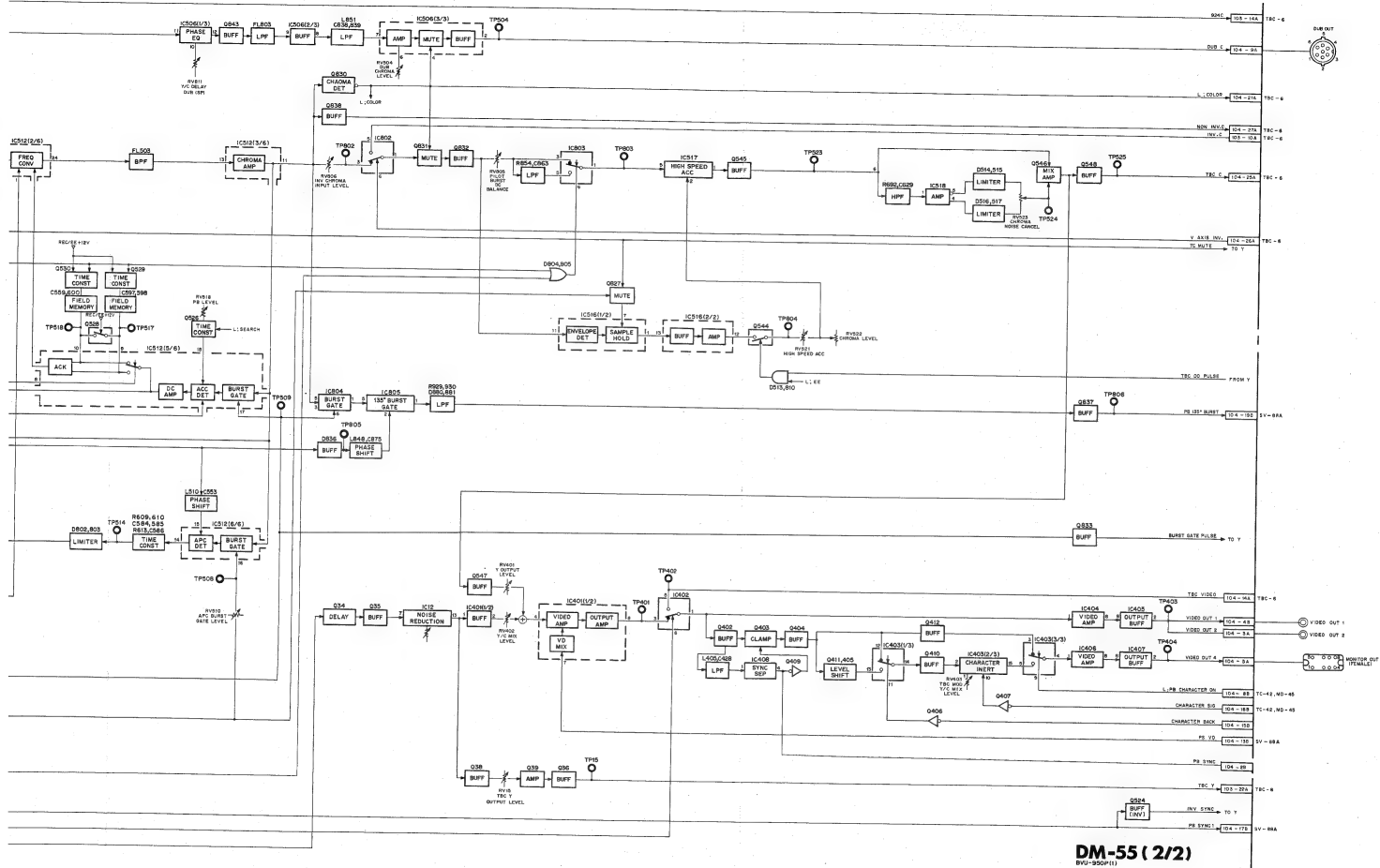




DM-55 (1/2)
 BVG-550P(11)

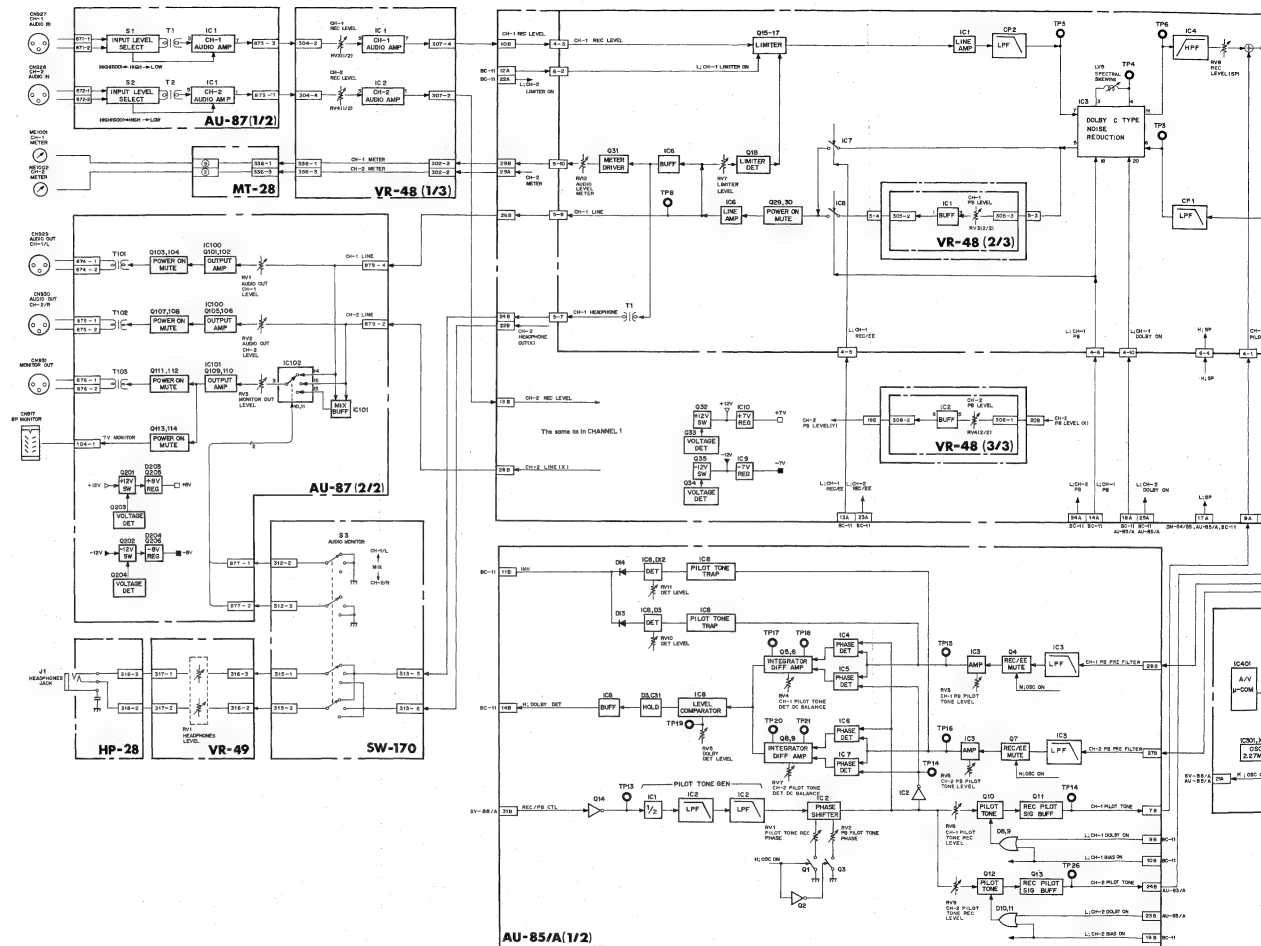
C DEMODULATOR C DEMODULATOR



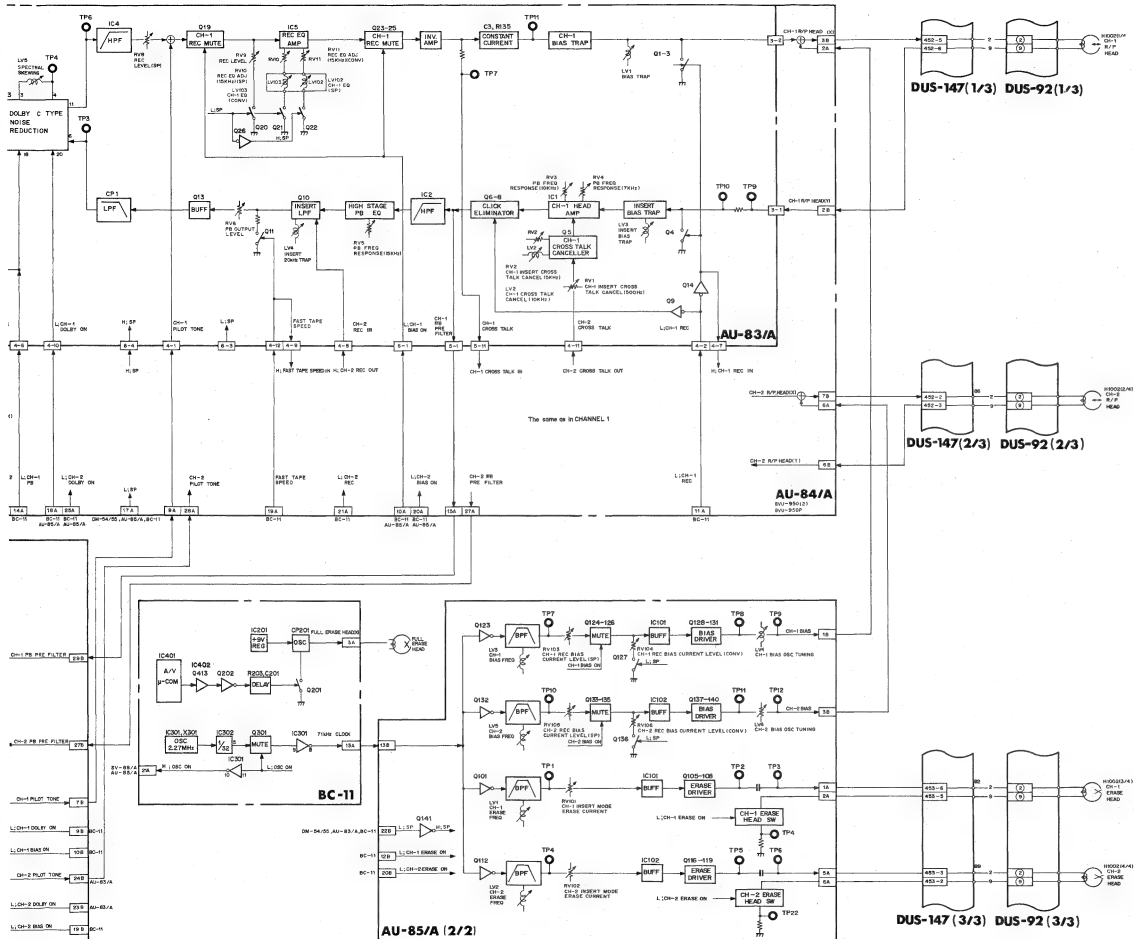


AUDIO SYSTEM

AUDIO SYSTEM AUDIO SYSTEM



AUDIO SYSTEM AUDIO SYSTEM

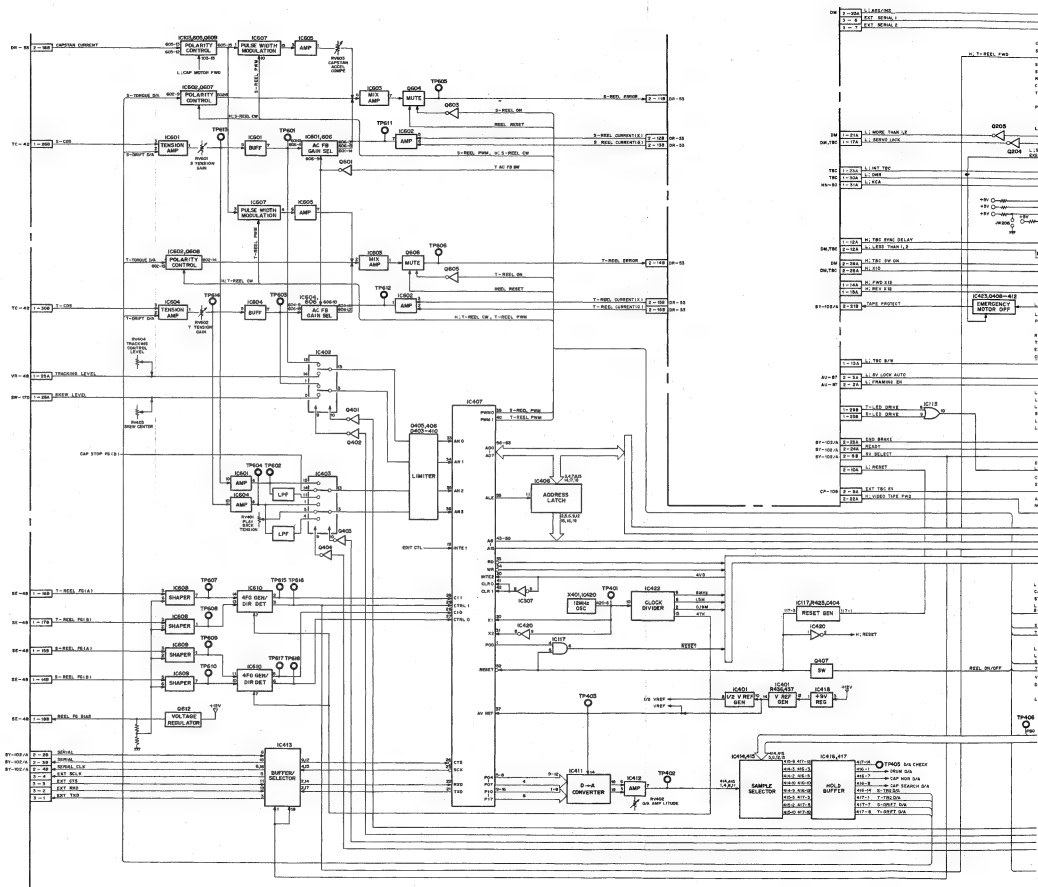


SYSTEM CONTROL/FUNCTION KEY BOARD

SY-102/
BVU-950(2)
BVU-950P(2)

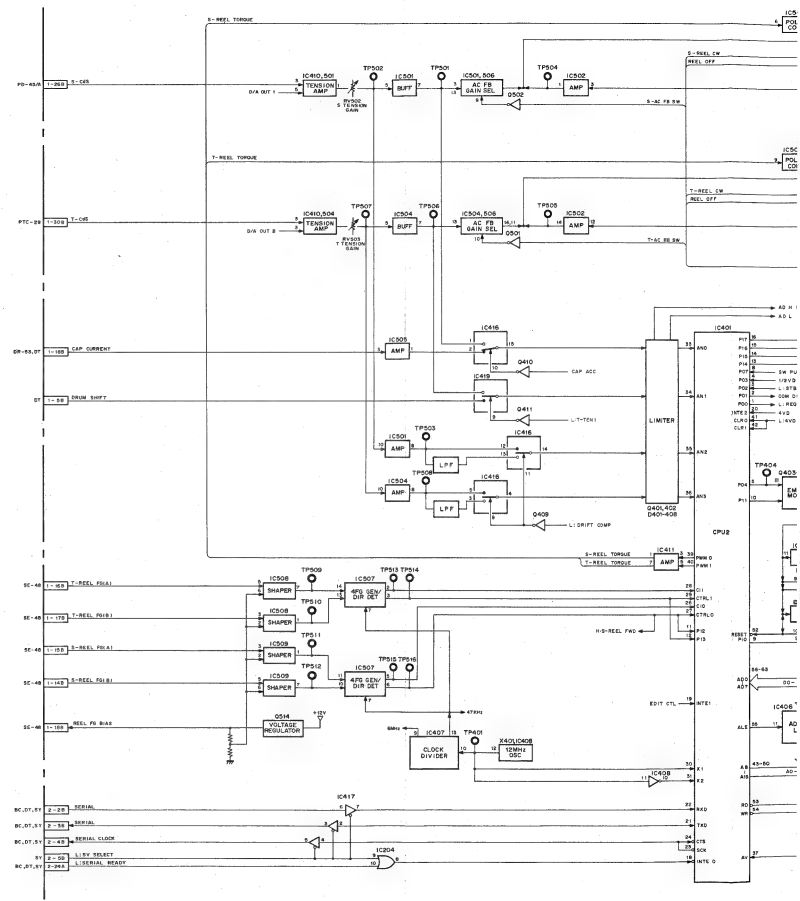


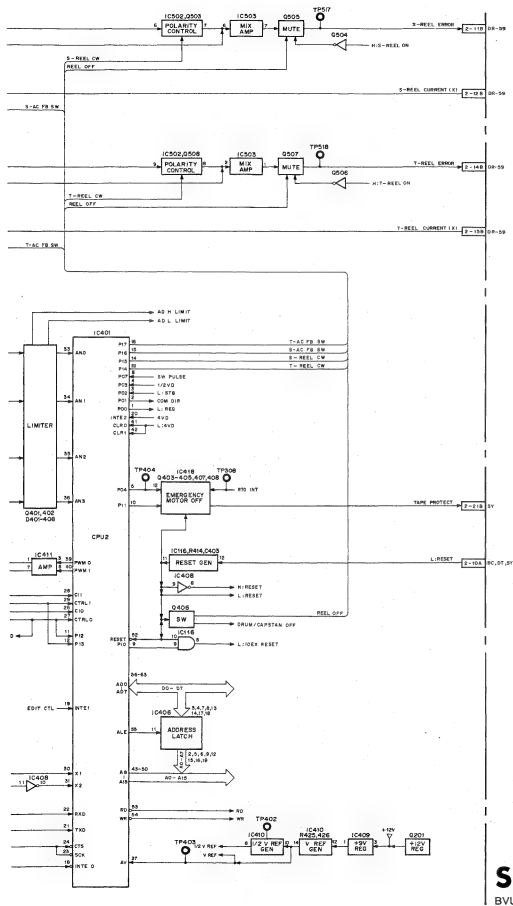
KY-101/KY-144
BVU-950(2)
BVU-950P(2)



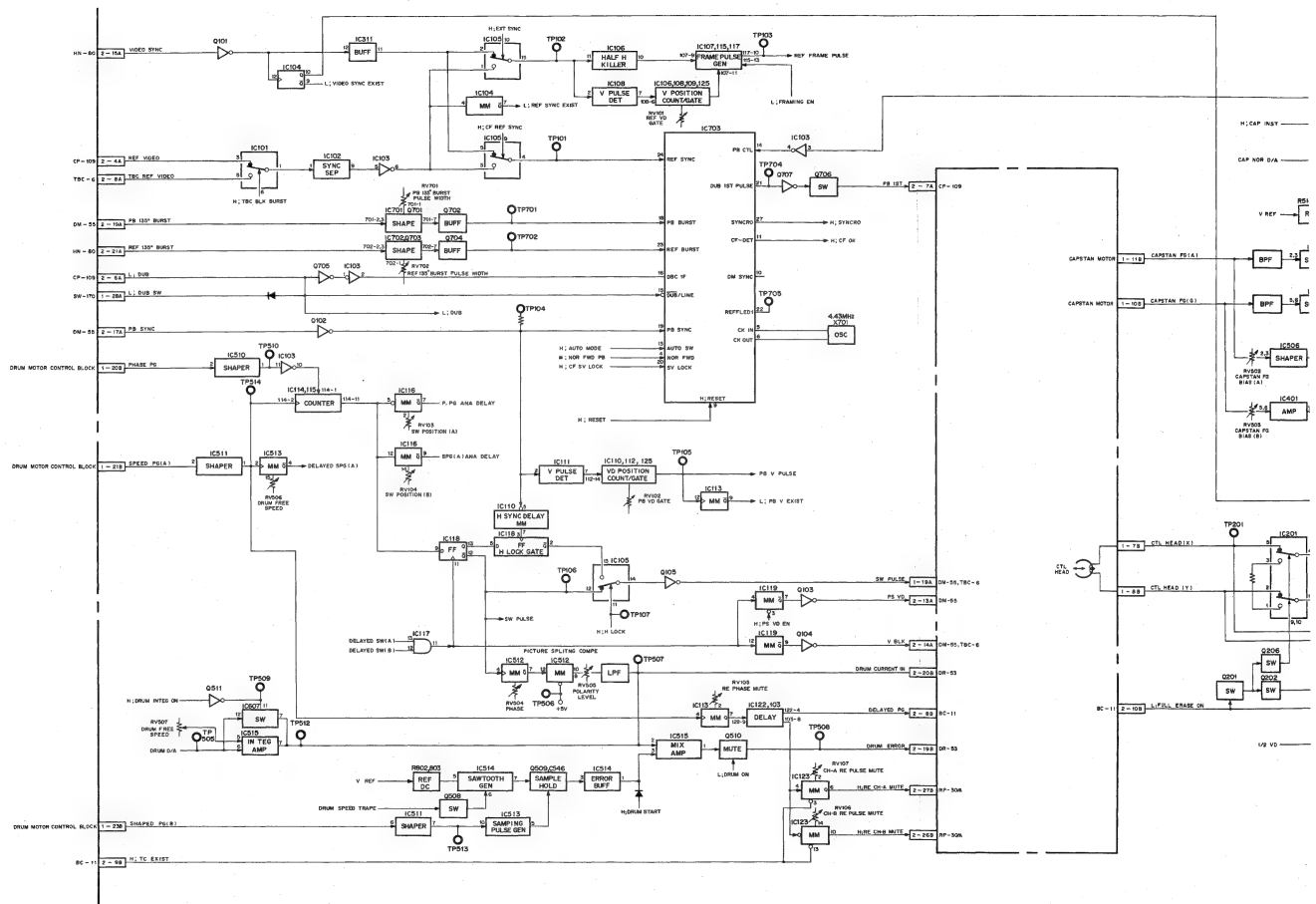


REEL SERVO REEL SERVO

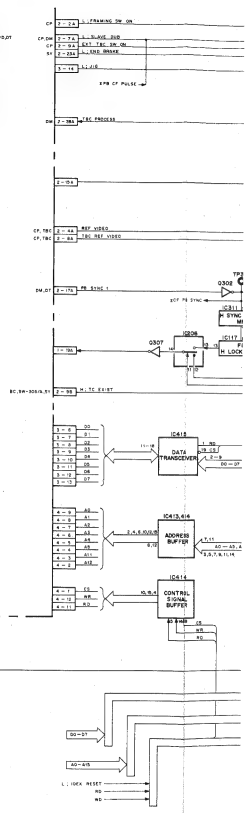
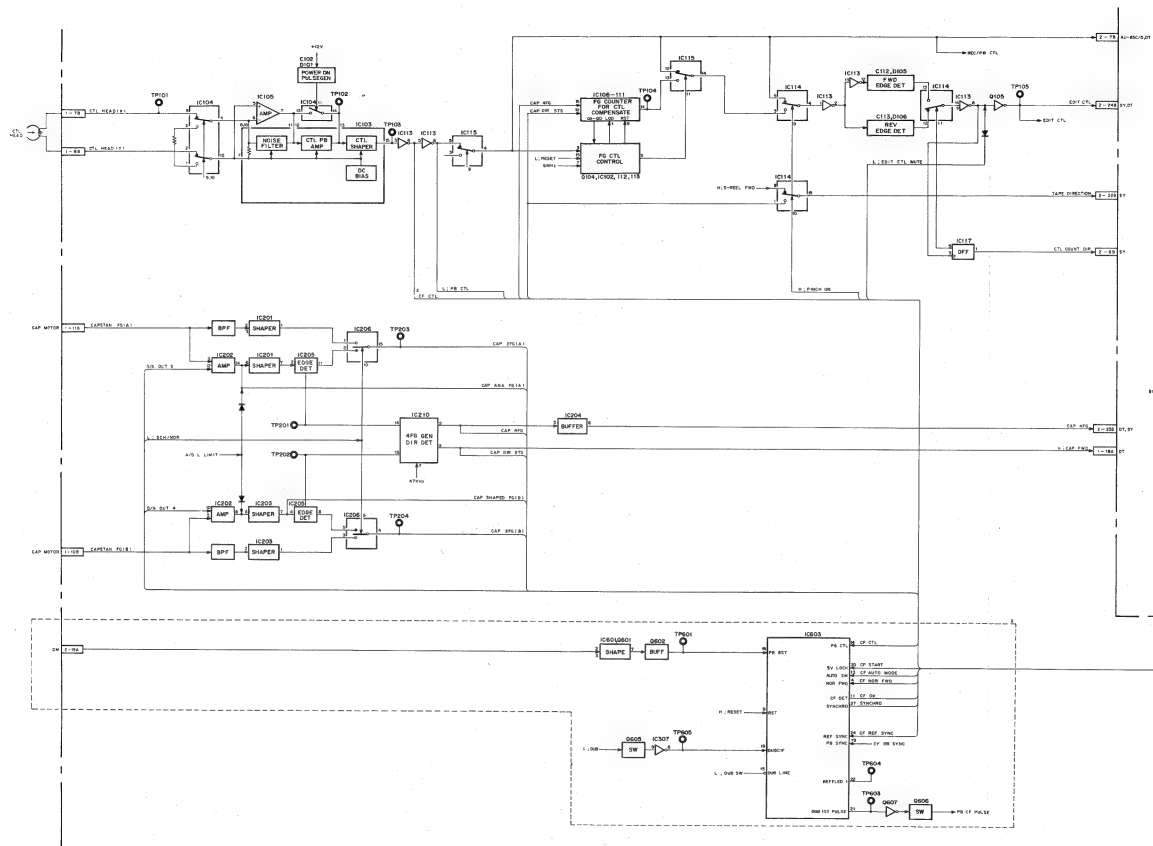


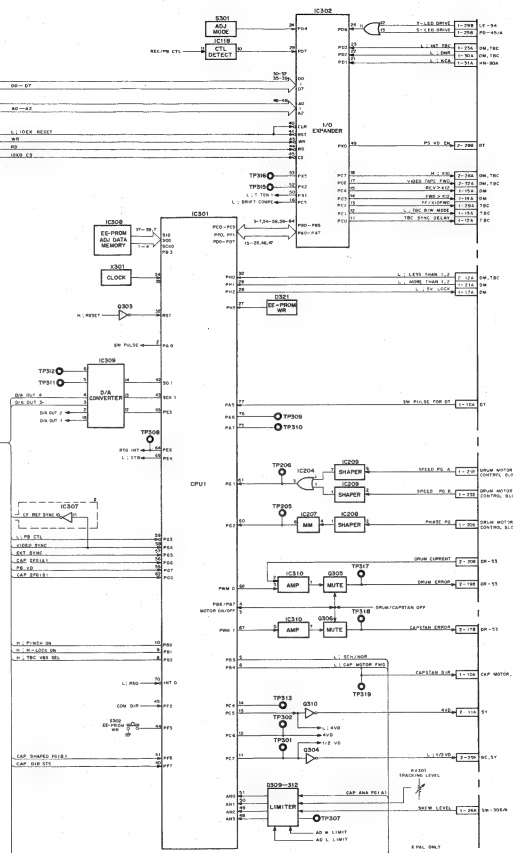


SV-113(1/2)
BVU-950P

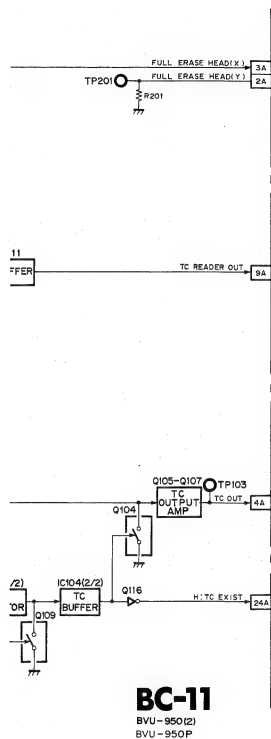




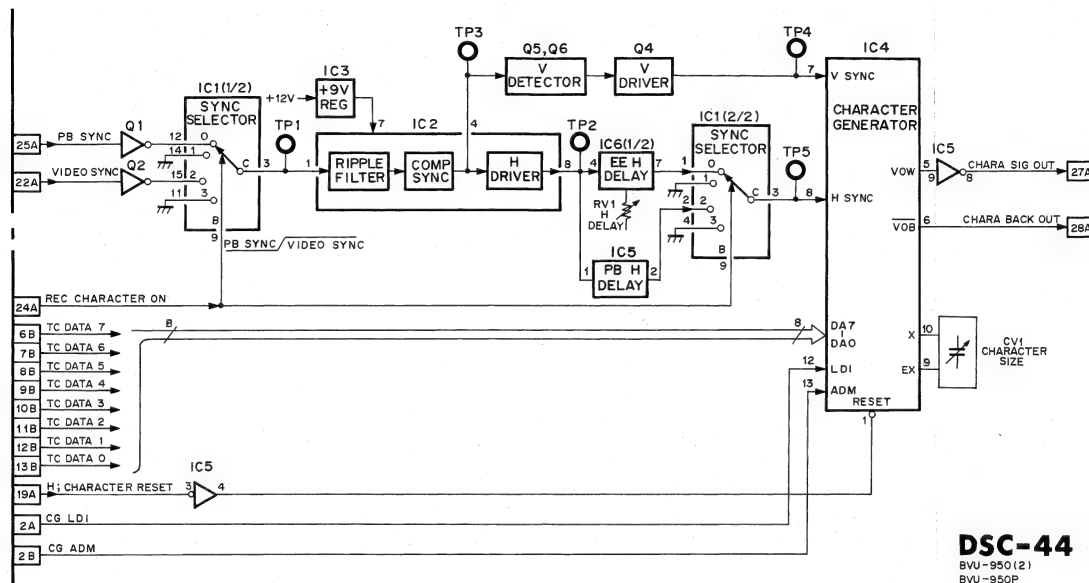








CHARACTER GENERATOR



DSC-44
BVU-950(2)
BVU-950P

SECTION 15

SEMICONDUCTOR ELECTRODES

ここに記載されているIC、トランジスタ、ダイオードは、それぞれの機能を等価的に表わしたものです。したがって互換性を表わすものではありません。(互換性のない型名が併記されている事もあります。)部品の交換をする時は、SPARE PARTSの章を参照して下さい。

ICs, transistors and diodes whoses functions are equivalent are described here. Therefore, incompatible device names may be described together. For parts replacement, refer to the Spare Parts section in this manual.

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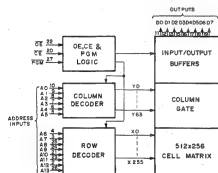
等価回路はICメーカーのData Bookに従いました。

The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

SEMICONDUCTOR INDEX

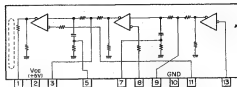
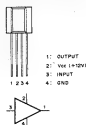
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Pinout diagram for the 74VHC00 14-pin DIP package. The diagram shows the package with pins numbered 1 to 14. Pin 1 is Vcc, pin 2 is VDD (1.5V), pin 3 is PGM, pin 4 is A15, pin 5 is A8, pin 6 is A9, pin 7 is A11, pin 8 is OE, pin 9 is A10, pin 10 is CE, pin 11 is D7, pin 12 is D5, pin 13 is D3, and pin 14 is GND.



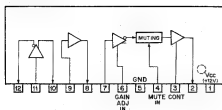
TERMINAL MODE	CE	DE	FG	Vpp	Vcc	OUTPUTS
READ	0	0	1	+5V	+5V	DATA OUT
STANDBY	1	X	X	+5V	+5V	HIGH IMPEDANCE
PROGRAMMING	0	1	0	+21V	+21V	DATA IN
PROGRAM VERIFY	0	0	1	+21V	+5V	DATA OUT
PROGRAM INHIBIT	1	X	X	+21V	+5V	HIGH IMPEDANCE
HIGH SPEED PROGRAMMING	0	1	0	+21V	+6V	DATA IN

AN607P (MATSUSHITA)
AN608P (MATSUSHITA)
WIDE BAND AMPLIFIER
— PRINTED SIDE VIEW —

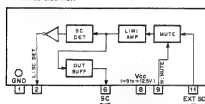


The circuit diagram shows a sequence of components connected between pins 1 through 10. Pin 1 is connected to pin 2 via a resistor labeled "H.D.O.". Pin 2 is connected to a "MUTE" block. The output of this "MUTE" block goes to pin 3, which is also connected to pin 4 via another "H.D.O." resistor. Pin 4 is connected to a second "MUTE" block. The output of this second "MUTE" block goes to pin 6, which is connected to pin 7 via a resistor labeled "H.D.O.". Pin 7 is connected to a "15W AMP" block. The output of the "15W AMP" block goes to pin 8, which is connected to pin 9 via a resistor labeled "Vcc (+12V)". Finally, pin 9 is connected to pin 10, which is labeled "D.D. SENSE".

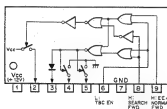
BX1250L (ROHM)
CHROMA OUTPUT AMPLIFIER
— REAR VIEW —



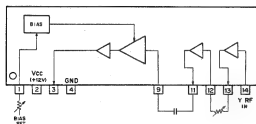
BX1251L (ROHM)
EXTERNAL SUBCARRIER AMPLIFIER
— PRINTED SIDE VIEW —



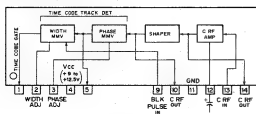
BX1252AL (ROHM)
TBC SEARCH/STILL VCO SHIFT SWITCH
— PRINTED SIDE VIEW —



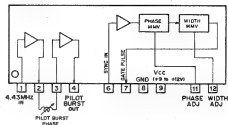
BX1257L (ROHM)
Y-RF SIDE BAND EQUALIZER
— PRINTED SIDE VIEW —



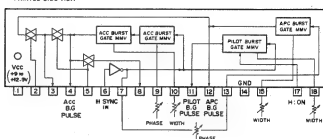
BX1258L (ROHM)
TIME CODE MUTE GENERATOR
— PRINTED SIDE VIEW —



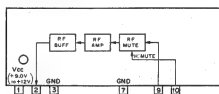
BX1262L (ROHM)
PILOT BURST INSERTER
— PRINTED SIDE VIEW —



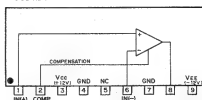
BX1264L (ROHM)
ACC/APC BURST GATE PULSE GENERATOR
— PRINTED SIDE VIEW —



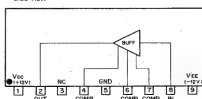
BX1265L (ROHM)
VIDEO HEAD AMPLIFIER/MUTING
— PRINTED SIDE VIEW —



BX365AL (ROHM)
VIDEO AMPLIFIER
— SIDE VIEW —

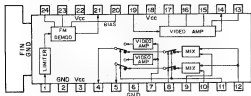


BX365AL (ROHM)
VIDEO BUFFER
— SIDE VIEW —

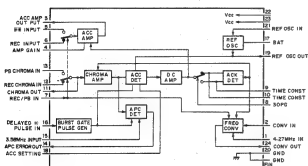
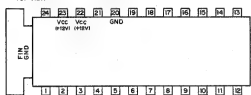


CX135 (SONY)

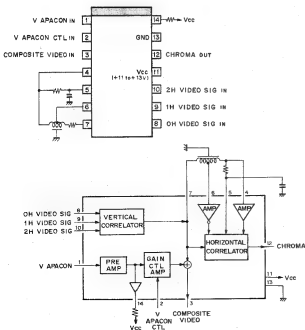
— TOP VIEW —

CX188
CHROMINANCE SIGNAL PROCESSOR

— TOP VIEW —

CX22013 (SONY)
DYNAMIC COMB FILTER

— TOP VIEW —



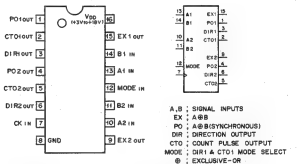
CX20060 (SONY)

ANALOG SWITCH

— TOP VIEW —

CX23038 (SONY)
C-MOS SYNCHRONOUS ROTATIONAL DIRECTION DETECTOR

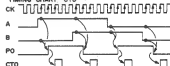
— TOP VIEW —



MODE "1"

DIRECTION OUTPUT "DIR"	
INPUTS	DIR
A & B	1
B & A	0

TIMING CHART "CTO"



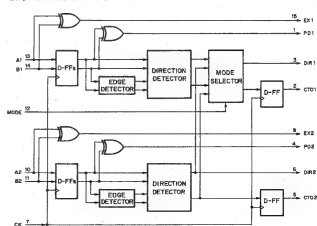
MODE "0"

DIRECTION OUTPUT "DIR"	
INPUTS	
CH1	CH2
A1/B1	A2/B2

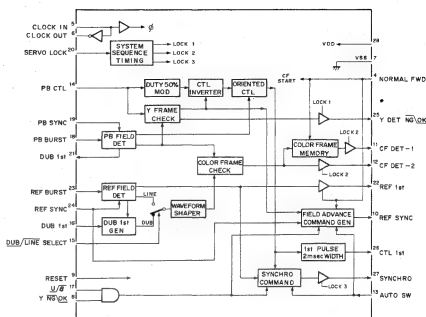
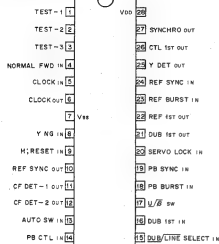
CTO 1 : CTO1 with MODE "0" + CTO1 with MODE "1" + CTO 2
CTO 2 : THE SAME FUNCTION OF MODE "1"

1 : HIGH LEVEL
0 : LOW LEVEL

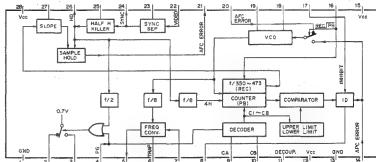
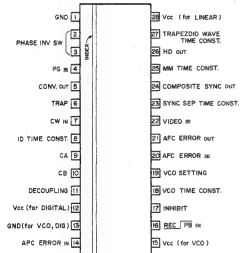
A & B : THE PHASE OF SIGNAL A IS IN ADVANCE FOR THE PHASE OF B.



CX7928 (SONY)
C-MOS COLOR FRAMING CONTROL (PAL/SECAM)
—TOP VIEW—



CX859 (SONY)
—TOP VIEW—



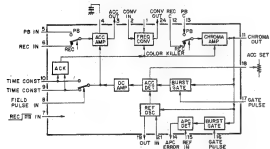
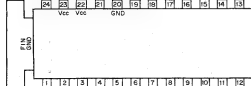
DECODER TRUTH TABLE

CB	CA	LOW	OPEN	HIGH
LOW	C1	C7	—	—
OPEN	C4	C5	C6	—
HIGH	—	C2	C3	C8

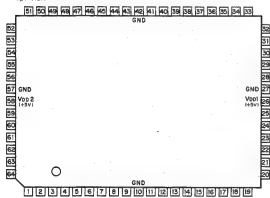
N PG 1 — C2
PG 2 — C3

APC/APC PRESET DATA

APC COUNT DOWN	APC ID COUNT
C1	105
C2	129
C3	137
C4	118
C5	131
C6	144
C7	136
C8	125

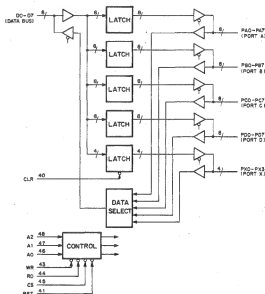


— TOP VIEW —

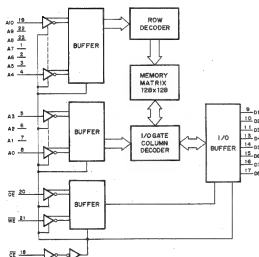
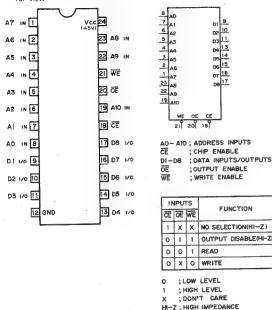


PN	IN	OUT	SYMBOL	PN	IN	OUT	SYMBOL	PN	IN	OUT	SYMBOL	PN	IN	OUT	SYMBOL
1	Q	Q	PB0	17	Q	Q	PC6	33	Q	Q	PC0	49	Q	Q	PC8
2	Q	Q	PB1	18	Q	Q	PC7	34	Q	Q	PC1	50	Q	Q	PC9
3	Q	Q	PB2	19	Q	Q	PC8	35	Q	Q	PC2	51	Q	Q	PC0
4	Q	Q	PB3	20	Q	Q	PC9	36	Q	Q	PC3	52	Q	Q	PC1
5	Q	Q	PB4	21	Q	Q	P01	37	Q	Q	PC4	53	Q	Q	PC2
6	Q	Q	PB5	22	Q	Q	P02	38	Q	Q	PC5	54	Q	Q	PC3
7	Q	Q	PB6	23	Q	Q	P03	39	Q	Q	PC6	55	Q	Q	PC4
8	Q	Q	PB7	24	Q	Q	P04	40	Q	Q	PC7	56	Q	Q	PC5
9	Q	Q	PB8	25	Q	Q	GND	41	Q	Q	PC8	57	Q	Q	PC6
10	Q	Q	PB9	26	Q	Q	GND	42	Q	Q	PC9	58	Q	Q	PC7
11	Q	Q	PC0	27	Q	Q	P05	43	Q	Q	WR	59	Q	Q	PC8
12	Q	Q	PC1	28	Q	Q	P06	44	Q	Q	RD	60	Q	Q	PC9
13	Q	Q	PC2	29	Q	Q	P07	45	Q	Q	PC0	61	Q	Q	PC0
14	Q	Q	PC3	30	Q	Q	P08	46	Q	Q	PC1	62	Q	Q	PC1
15	Q	Q	PC4	31	Q	Q	G1	47	Q	Q	A1	63	Q	Q	PC2
16	Q	Q	PC5	32	Q	Q	G1	48	Q	Q	PC2	64	Q	Q	PC3

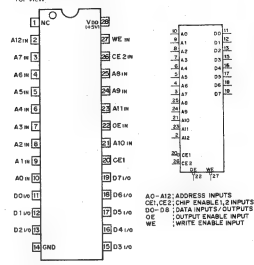
		CS	RD	WR	A2	A1	A0	MODE
	P0	0	1	0	0	0	0	PORT A = DATA BUS
	P1	0	1	0	0	0	1	PORT B = DATA BUS
	P2	0	1	0	0	1	0	PORT C = DATA BUS
	P3	0	1	0	0	1	1	PORT D = DATA BUS
80	P0	0	1	0	1	0	0	PORT X = DATA BUS
01	P1	0	1	0	1	0	1	-----
02	P2	0	1	0	1	1	0	-----
03	P3	0	1	0	1	1	1	-----
04	P0	0	1	0	1	1	1	-----
05	P1	0	1	0	0	0	0	DATA BUS = PORT A
06	P2	0	1	0	0	0	1	DATA BUS = PORT B
07	P3	0	1	0	0	1	0	DATA BUS = PORT C
08	P0	0	1	0	0	1	1	DATA BUS = PORT D
09	P1	0	1	0	1	0	0	DATA BUS = PORT X
10	P2	0	1	0	1	0	1	-----
11	P3	0	1	0	1	1	0	DATA BUS = CTL REG. 1
12	P0	0	1	0	1	1	1	DATA BUS = CTL REG. 2
13	P1	1	X	X	X	X	X	DATA BUS = H-Z
14	P2							
15	P3							
16	P0							
17	P1							
18	P2							
19	P3							
20	P0							
21	P1							
22	P2							
23	P3							
24	P0							
25	P1							
26	P2							
27	P3							
28	P0							
29	P1							
30	P2							
31	P3							



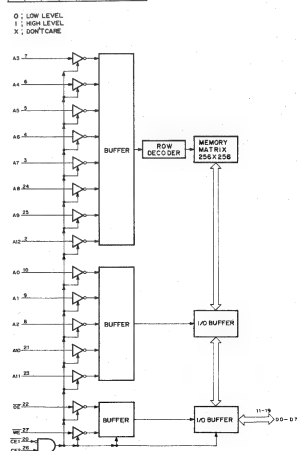
CKX5816PN-10 (SONY) (ACCESS TIME=100ns)
 CKX5816PN-10L (SONY) (ACCESS TIME=100ns)
 CKX5816PN-12 (SONY) (ACCESS TIME=120ns)
 CKX5816PN-12L (SONY) (ACCESS TIME=120ns)
 CKX5816PN-15 (SONY) (ACCESS TIME=150ns)
 CKX5816PN-15L (SONY) (ACCESS TIME=150ns)
 C-MOS 16284-BT (2048b) STATIC RAM
 — TOP VIEW —



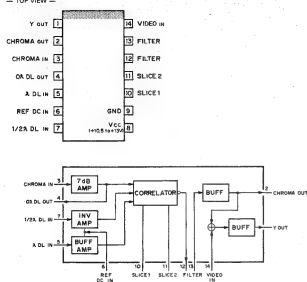
CKX5864PN-10 (SONY) (ACCESS TIME=100ns)
 CKX5864PN-10L (SONY) (ACCESS TIME=100ns)
 CKX5864PN-12 (SONY) (ACCESS TIME=120ns)
 CKX5864PN-12L (SONY) (ACCESS TIME=120ns)
 CKX5864PN-15 (SONY) (ACCESS TIME=150 ns)
 CKX5864PN-15L (SONY) (ACCESS TIME=150 ns)
 C-MOS 64K (8Kx8-BIT) STATIC RAM
 — TOP VIEW —



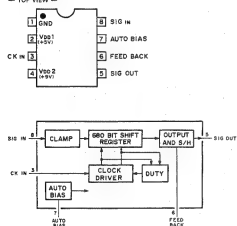
MODE SELECTION				
CONTROL INPUTS				MODE
CE1	CE2	OE	WE	
1	X	X	X	NO CHANGE
X	0	X	X	NO CHANGE
0	1	1	1	DISABLE OUTPUT
0	1	0	1	READ
0	1	X	0	WRITE



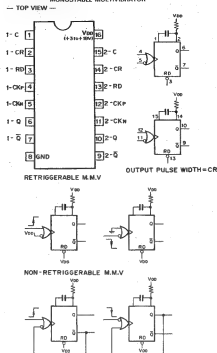
CXA1020P (SONY)
CHROMA CROSS-COLOR NOISE REDUCER/EDGE COMPENSATOR
— TOP VIEW —



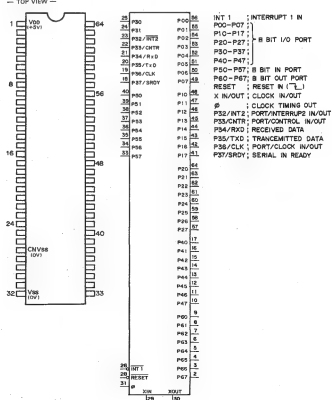
CX15001P (SONY)
C-MOS CCD FOR NTSC 1H DELAY LINE
— TOP VIEW —

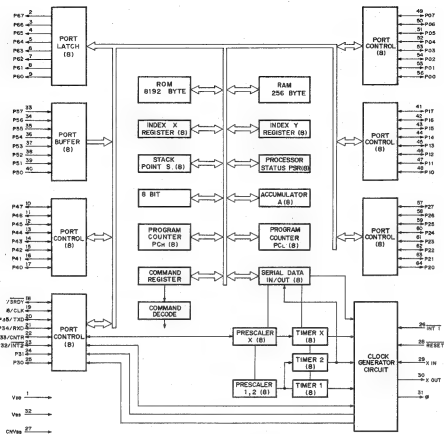


HD14538BP (MITSUBISHI)
TC4538BP (TOSHIBA)
C-MOS DUAL RETRIGGERABLE/NON-RETRIGGERABLE
MONOSTABLE MULTIVIBRATOR
— TOP VIEW —



MS0747H-XXXSP
C-MOS PROCESS 8-BIT ONE CHIP MICROCOMPUTER
— TOP VIEW —

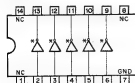




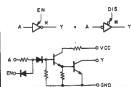
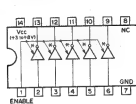
M54516L (MITSUBISHI)
FM IF AMPLIFIER
— REAR VIEW —



M54516P (MITSUBISHI)
INVERTER WITH OPEN-COLLECTOR
(DARLINGTON-CONNECTED TRANSISTOR ARRAY)
— TOP VIEW —



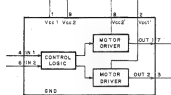
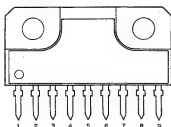
M54529AP (MITSUBISHI)
TRANSISTOR ARRAY
— TOP VIEW —



A	B	Y	Z
0	1	1	1
1	1	0	X
X	0	1	W

0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE
W: OPEN COLLECTOR

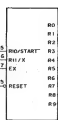
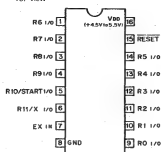
MB4543L (MITSUBISHI)
BI-DIRECTIONAL MOTOR DRIVER
— SIDE VIEW —



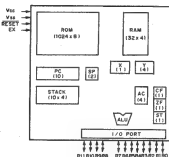
IN	OUT	MODE
1 2 3	1 2 3	NO OPERATION
1 2 3 4	1 2 3 4	ROTATION
1 2 3 4 5	1 2 3 4 5	REVERSE ROTATION
1 2 3 4 5 6	1 2 3 4 5 6	BRAKE

0: LOW LEVEL
1: HIGH LEVEL
2: HIGH IMPEDANCE

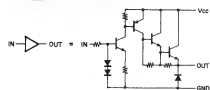
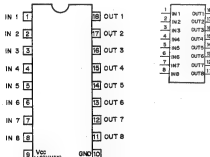
MB88201H-539N (FUJITSU)
C-MOS 4-BIT MICROCOMPUTER
— TOP VIEW —



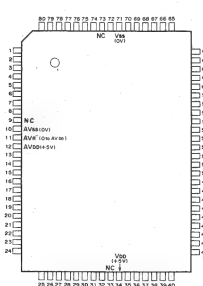
EX : EXTERNAL XTAL IN
R0-R11 : I/O PORT(R) IN/OUT
RESET : RESET IN
START : STANDBY RELEASE IN
R11/X : EXT CLOCK IN/INT CLOCK OUT



MS4562P (MITSUBISHI)
SOURCE TYPE DARLINGTON TRANSISTOR ARRAY
— TOP VIEW —

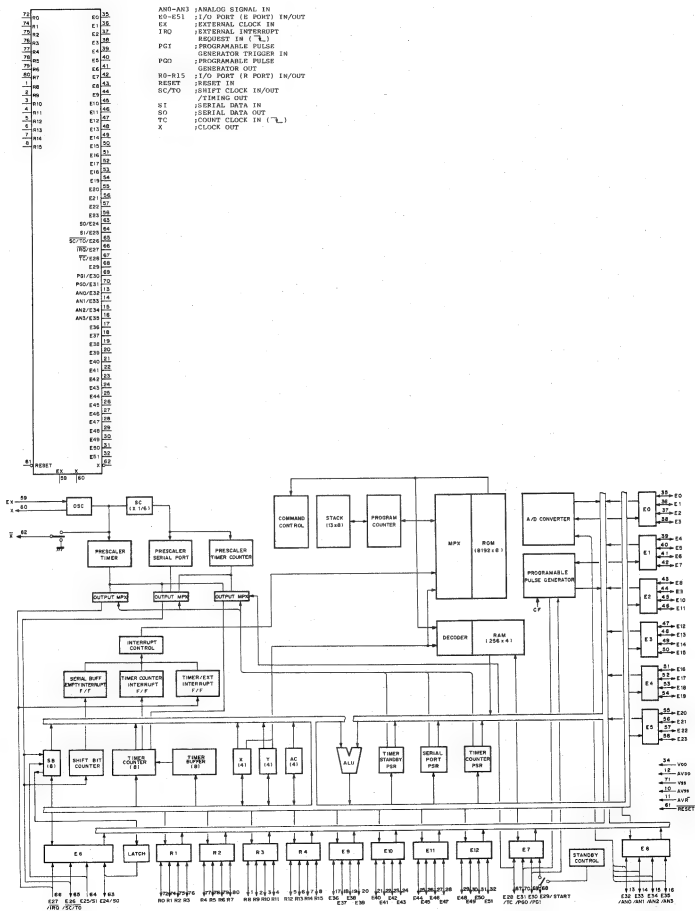


MB88551-H (FUJITSU) FLAT PACKAGE
C-MOS 4-BIT ONE-CHIP MICROPROCESSOR
— TOP VIEW —

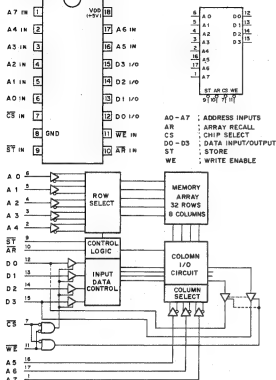


IN OUT	SYMBOL	IN OUT	SYMBOL
1	R8	41	E6
2	R9	42	E7
3	R10	43	E8
4	R11	44	E9
5	R12	45	E10
6	R13	46	E11
7	R14	47	E12
8	R15	48	E13
9	—	49	E14
10	AVR8	50	E15
11	AVR	51	E16
12	AV20	52	E17
13	E32/AND	53	E18
14	E33/AN1	54	E19
15	E34/AN2	55	E20
16	E35/AN3	56	E21
17	E36	57	E22
18	E37	58	E23
19	E38	59	E24
20	E39	60	E25
21	E40	61	E26
22	E41	62	E27
23	E42	63	E28
24	E43	64	E29
25	E44	65	E30
26	E45	66	E31
27	E46	67	E32
28	E47	68	E33
29	E48	69	E34
30	E49	70	E35
31	E50	71	E36
32	E51	72	E37
33	—	73	E38
34	V80	74	E39
35	E0	75	E40
36	E1	76	E41
37	E2	77	E42
38	E3	78	E43
39	E4	79	E44
40	E5	80	E45

* MASK OPTION



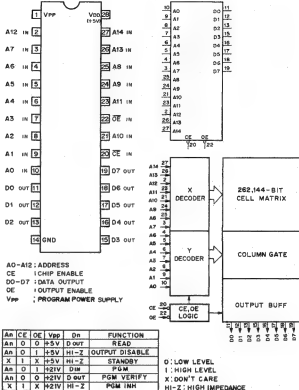
MBM2212-25P (FUJITSU) (ACCESS TIME = 250ns)
N-MOS 1024 (256x4)-BIT NONVOLATILE STATIC RAM
— TOP VIEW —



INPUTS				I/O		MODE
CS	WE	AR	ST			
1	X	1	1	HI-Z		NOT SELECTED
0	1	1	1	OUTPUT DATA		RAM READ
0	0	1	1	INPUT DATA		RAM WRITE "1"
0	0	1	1	INPUT DATA		RAM WRITE "0"
X	1	0	1	HI-Z		ARRAY RECALL
1	X	0	1	HI-Z		ARRAY RECALL
X	1	1	0	HI-Z		NONVOLATILE STORING
1	X	1	0	HI-Z		NONVOLATILE STORING

0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE
HI-Z: HIGH IMPEDANCE

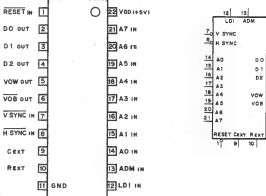
MBM27C256-25 (FUJITSU) (ACCESS TIME = 250 ns)
C-MOS 256K (32x-8) ERASABLE PROM WITH 3-STATE OUTPUTS
— TOP VIEW —



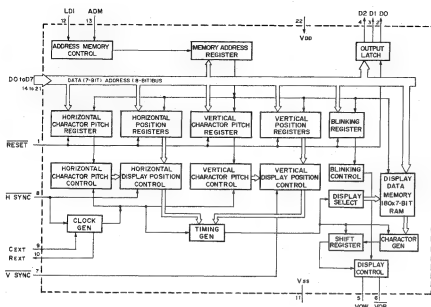
Pin	CE	OE	Vpp	Dn	FUNCTION
A0	0	1	+5V	HI-Z	READ
A1	0	1	+5V	HI-Z	OUTPUT DISABLE
X	1	X	+5V	HI-Z	STANDBY
A0	0	1	+25V	DW	PGM
A1	0	0	+25V	DW	PGM VERIFY
X	1	X	+25V	HI-Z	PGM INH

0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE
HI-Z: HIGH IMPEDANCE

MBB303 (FUJITSU)
N-MOS PROGRAMMABLE TV DISPLAY CONTROLLER
— TOP VIEW —

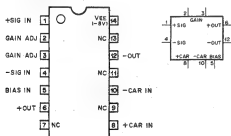


ADM : ADDRESS INCREMENT MODE
A0 to A7 : ADDRESS INPUT
DO to D2 : DATA OUTPUT
Ext : EXT. CAPACITOR FOR OSC
LD1 : LOAD DATA AND INSTRUCTION
VOB : VIDEO BLACK OUT
VOW : VIDEO WHITE OUT
RExt : EXT. RESISTOR FOR OSC

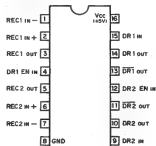


00-04	0000	0001	0010	0011	0100	0101	0110	0111	1000	1001	1010	1011	1100	1101	1110	1111
00	A	B	C	D	E	F	G	H	I	J	K	L	M	.	Blank	
01	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	:	Blank	(
10	0	1	2	3	4	5	6	7	8	9	?	!	'	.	Blank)
11	↑	↓	←	→	+	-	*	/	=	&						

MC1486P (MOTOROLA)
BALANCED MODULATOR/DEMODULATOR
— TOP VIEW —



MC14051P (MOTOROLA)
RS-422 DRIVER/RECEIVER
— TOP VIEW —



DR EN	MODE
0	DISABLE
1	ENABLE

0: LOW LEVEL
1: HIGH LEVEL

DR: DRIVER
DR EN: DRIVER ENABLE
REC: RECEIVER

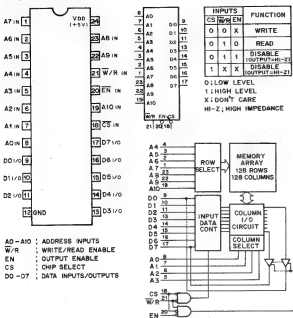
DRIVER CIRCUIT



RECEIVER CIRCUIT



MSM6128-15RS (OKI) (ACCESS TIME = 150 nS)
C-AOS 16384(2048)-BIT HIGH SPEED STATIC RAM
— TOP VIEW —



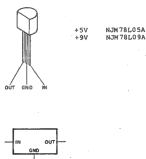
NJM4560D (JRC)
OPERATIONAL AMPLIFIER
— TOP VIEW —



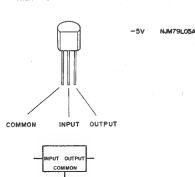
NJM4562D-D (JRC)
OPERATIONAL AMPLIFIER
— TOP VIEW —



NJM78L77A (NEC)
POSITIVE VOLTAGE REGULATOR (100mA)



NJM78L77A (JRC)
NEGATIVE VOLTAGE REGULATOR (100mA)
— FRONT VIEW —



NJM20A3D-D (JRC)
OPERATIONAL AMPLIFIER
— TOP VIEW —



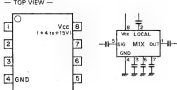
NJM2803D (JRC)
VOLTAGE COMPARATOR
— TOP VIEW —



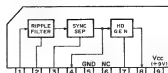
NJM4558D (JRC)
uPC4558C (NEC)
OPERATIONAL AMPLIFIER
— TOP VIEW —



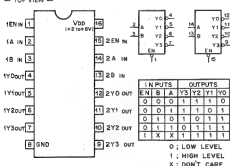
SN16913P (TI)
SN16913P-A (TI)
BALANCED MIXER
— TOP VIEW —



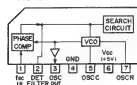
TA7357AP (TOSHIBA)
SYNC SEPARATOR/HID PULSE GENERATOR
— SIDE VIEW —



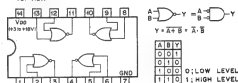
SN74HC139N (TI)
TC74HC139P (TOSHIBA)
C-MOS 1-OF-4 DECODER/DEMULTIPLEXER
— TOP VIEW —



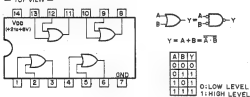
TA7374P (TOSHIBA)
THREE TIMES OSCILLATOR
— SIDE VIEW —



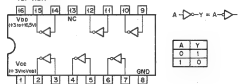
TC4001BP (TOSHIBA)
C-MOS 2-INPUT NOR GATE
— TOP VIEW —



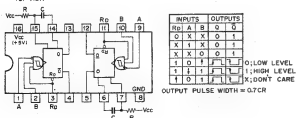
SN74HC32N (TI)
C-MOS 2-INPUT OR GATE
— TOP VIEW —



TC4009UBP (TOSHIBA)
C-MOS INVERTING TYPE BUFFER/CONVERTER (TO TTL LEVEL)
— TOP VIEW —



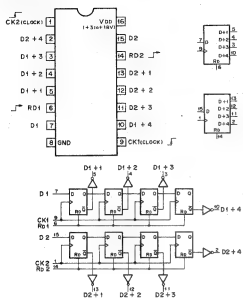
SN74LS221N (TI)
TTL MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT
— TOP VIEW —



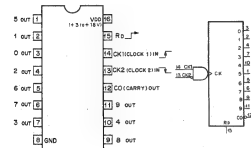
TA7090AP (TOSHIBA)
LINEAR AMP
— SIDE VIEW —



TC4015BP (TOSHIBA)
C-MOS DUAL 4-STAGE STATIC SHIFT REGISTER WITH DIRECT RESET
— TOP VIEW —



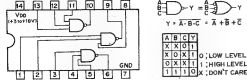
TC4017BP (TOSHIBA)
C-MOS DECADE COUNTER/DIVIDER
— TOP VIEW —



COUNT	INPUTS				OUTPUTS									
	RD	CK1	CK2	CO	Q9	Q8	Q7	Q6	Q5	Q4	Q3	Q2	Q1	Q0
0	1	X			0	0	0	0	0	0	0	0	0	1
0	0				0	0	0	0	0	0	0	0	0	1
1	0				0	0	0	0	0	0	0	1	0	1
2	0				0	0	0	0	0	0	0	1	0	0
3	0				0	0	0	0	0	1	0	0	0	1
4	0				0	0	0	0	1	0	0	0	0	1
5	0				0	0	0	1	0	0	0	0	0	1
6	0				0	0	1	1	0	0	0	0	0	0
7	0				0	1	0	0	0	0	0	0	0	0
8	0				1	0	0	0	0	0	0	0	0	0
9	0				1	0	0	0	0	0	0	0	0	0
NO COUNT	0	1												
	0	0												

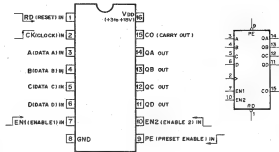
0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE

TC4022BP (TOSHIBA)
C-MOS 3-INPUT NAND GATE
— TOP VIEW —



A	B	C	Y
0	0	0	1
0	0	1	1
0	1	0	1
0	1	1	0
1	0	0	1
1	0	1	0
1	1	0	0
1	1	1	0

TC40161BP (TOSHIBA)
C-MOS PRESETTABLE SYNCHRONOUS 4-BIT BINARY COUNTER WITH ASYNCHRONOUS RESET
— TOP VIEW —



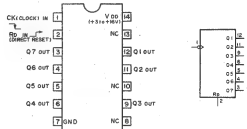
MODE SELECTION				MODE
RD	PE	EN1	EN2	
0	X	X	X	RESET (ASYNCHRONOUS)
1	0	X	X	PRESET (SYNCHRONOUS)
1	1	0	X	NO COUNT
1	1	X	0	NO COUNT
1	1	1	1	COUNT

CARRY OUTPUT "CO"
CO is HIGH WHEN EN1 INPUT IS HIGH AND COUNT IS 15.

COUNT SEQUENCE	
COUNT	OUTPUTS
0	Q0 Q1 Q2 Q3
1	0 0 0 1
2	0 0 1 0
3	0 0 1 1
4	0 1 0 0
5	0 1 0 1
6	0 1 1 0
7	0 1 1 1
8	1 0 0 0
9	1 0 0 1
10	1 0 1 0
11	1 0 1 1
12	1 1 0 0
13	1 1 0 1
14	1 1 1 0
15	1 1 1 1

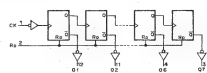
0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE

TC4024BP (TOSHIBA)
C-MOS ASYNCHRONOUS 7-BIT BINARY COUNTER
— TOP VIEW —

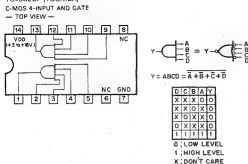


COUNT	INPUTS		OUTPUTS							
	CK	RD	Q7	Q6	Q5	Q4	Q3	Q2	Q1	Q0
0	X	1	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0	1
2	1	0	0	0	0	0	0	0	1	0
3	1	0	0	0	0	0	0	0	1	1
4	1	0	0	0	0	0	1	0	0	0
...
125	1	0	1	1	1	1	1	1	0	1
126	1	0	1	1	1	1	1	1	1	0
127	1	0	1	1	1	1	1	1	1	1
...
NO COUNT	0	0	NO CHANGE							
...	1	0								

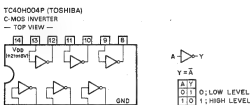
0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE



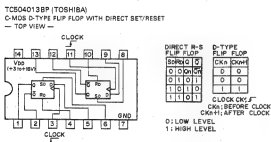
TC4082BP (TOSHIBA)
C-MOS 4-INPUT AND GATE
— TOP VIEW —



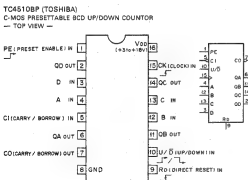
TC40H004P (TOSHIBA)
C-MOS INVERTER
TOS. 1984



TC504013BP (TOSHIBA)
C-MOS D-TYPE FLIP FLOP WITH DIRECT SET/RESET
— TOP VIEW —



TC4510BP (TOSHIBA)
C-MOS PRESETTABLE BCD UP/DOWN COUNTER
— TOP VIEW —

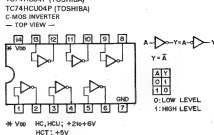


INPUTS					OUTPUTS			
CK	RD	PE	CI	U/D	QD	QC	QB	QA
X	1	X	X	X	0	0	0	0
X	0	1	X	0	SET TO ABCD			
0	0	0	0	1	COUNT UP			
0	0	0	0	0	COUNT DOWN			
0	0	0	X	X	NO CHANGE			
X	0	0	1	X	NO CHANGE			

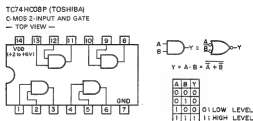
COUNT	OUTPUTS			
	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1

CO=L
CI=L B(DOWN-COUNT "0" OR UP-COUNT "9")

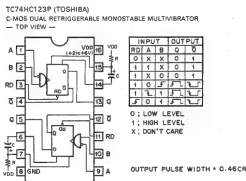
TC74HC04P (TOSHIBA)
TC74HCU04P (TOSHIBA)
C-MOS INVERTER



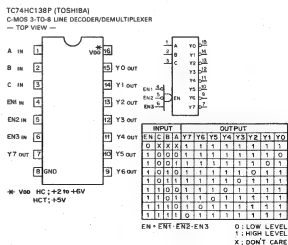
TC74HC08P (TOSHIBA)
C-MOS 2-INPUT AND GATE



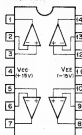
TC74HC123P (TOSHIBA)
C-MOS DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATOR — TOP VIEW —



TC74HC138P (TOSHIBA)
C-MOS 3-TO-8 LINE DECODER/DEMULTIPLEXER



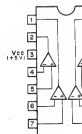
TLO84CN (TI)
OPERATIONAL AMPLIFIER
(J FET INPUT)
— TOP VIEW —



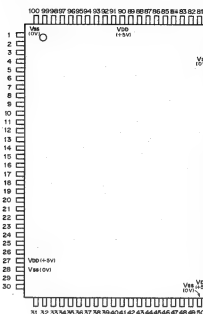
uPC324C (NEC)
QUAD. OP. AMPLIFIER
— TOP VIEW —



uPC339C (NEC)
COMPARATOR
— TOP VIEW —

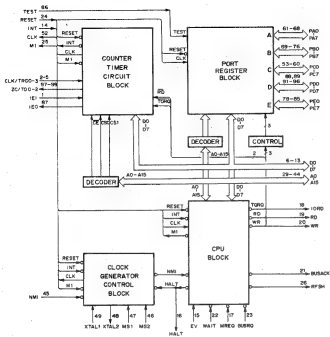


TMF2B4C011AF (TOSHIBA)
C-MOS 8 BIT MICROPROCESSOR
— TOP VIEW —

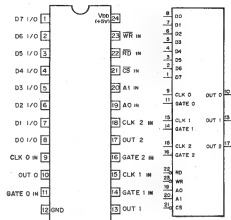


NO.	IN	OUT	SYMBOL	NO.	IN	OUT	SYMBOL
1			IE1	51			Vee
2			CLK/TRG0	52			CLK
3			CLK/TRG0	53			PC7
4			CLK/TRG1	54			PC6
5			CLK/TRG0	55			PC5
6			DT	56			PC4
7			DE	57			PC3
8			D6	58			PC2
9			D4	59			PC1
10			D3	60			PC0
11			D2	61			PA7
12			D1	62			PA6
13			D0	63			PA5
14			TRT	64			PA4
15			EV	65			PA3
16			HALT	66			PA2
17			IORQ	67			PA1
18			IORQ	68			PA0
19			RD	69			PB7
20			WR	70			PB6
21			TRG0	71			PB5
22			WAIT	72			PB4
23			BUSREQ	73			PB3
24			RESET	74			PB2
25			BT	75			PB1
26			RFSH	76			PB0
27			Vcc	77			Vcc
28			Vcc	78			PE7
29			A0	79			PE6
30			A1	80			PE5
31			A2	81			PE4
32			A3	82			PE3
33			A4	83			PE2
34			A5	84			PE1
35			A6	85			PE0
36			A7	86			TEST
37			A8	87			IE0
38			A9	88			PO7
39			A10	89			PO6
40			A11	90			Vcc
41			A12	91			PD5
42			A13	92			PD4
43			A14	93			PD3
44			A15	94			PD2
45			TRT	95			PD1
46			MS2	96			PD0
47			MS1	97			ZC/T02
48			XTAL2	98			ZC/T01
49			XTAL1	99			ZC/T00
50			Vcc	100			Vcc

51	PA0	AC	52	AO-A15: 3-STATE ADDRESS BUS OUTPUTS
53	PA1	A1	53	BUSACK: BUS ACKNOWLEDGE OUTPUT
54	PA2	A2	54	BUSREQ: BUS REQUEST INPUT
55	PA3	A3	55	CLK: CLOCK OUTPUT
56	PA4	A4	56	CLK/TRG0-3: EXTERNAL CLOCK / TIMER TRIGGER0-3 INPUTS
57	PA5	A5	57	DO-D7: 3-STATE DATA BUS INPUTS/OUTPUTS
58	PA6	A6	58	EV: EVALUATOR INPUT
59	PA7	A7	59	HALT: HALT OUTPUT
60	PA0	A8	60	IE1/IE0: CTC INTERRUPT ENABLE INPUT/OUTPUT
61	PA1	A9	61	INT: MASKABLE INTERRUPT REQUEST INPUT
62	PA2	A10	62	IORQ: 3-STATE I/O REQUEST OUTPUT
63	PA3	A11	63	M1: 3-STATE MACHINE CYCLE 1 OUTPUT
64	PA4	A12	64	MREQ: 3-STATE REQUEST OUTPUT
65	PA5	A13	65	MS1/MS2: MODE SELECT 1/2 INPUTS
66	PA6	A14	66	NMI: NON-MASKABLE INTERRUPT REQUEST INPUT
67	PA7	A15	67	PA0-PA7: 3-STATE I/O PORT
68	PA0	DO	68	PDO-PD7: 3-STATE I/O PORT
69	PA1	D1	69	PDO-PD7: 3-STATE I/O PORT
70	PA2	D2	70	PE0-PE7: 3-STATE READ OUTPUT
71	PA3	D3	71	RESET: RESET INPUT
72	PA4	D4	72	RFSH: REFRESH OUTPUT
73	PA5	D5	73	TEST: TEST INPUT
74	PA6	D6	74	WAIT: WAIT REQUEST INPUT
75	PA7	D7	75	WR: 3-STATE WRITE OUTPUT
76	PA0	CLK	76	ZC/T00-2: ZERO COUNT/TIME OUT 0-2 OUTPUTS
77	PA1	IORQ	77	
78	PA2	BUSACK	78	
79	PA3	BUSREQ	79	
80	PA4	TRG0	80	
81	PA5	TRG1	81	
82	PA6	TRG2	82	
83	PA7	TRG3	83	
84	PA0	EV	84	
85	PA1	HALT	85	
86	PA2	MREQ	86	
87	PA3	WAIT	87	
88	PA4	BUS NO	88	
89	PA5	TEST	89	
90	PA6	IE1	90	
91	PA7	IE0	91	
92	PA0	M1	92	
93	PA1	MS1	93	
94	PA2	MS2	94	
95	PA3	XTAL2	95	
96	PA4	XTAL1	96	
97	PA5	Vcc	97	
98	PA6	Vcc	98	
99	PA7	Vcc	99	
100	PA0	Vcc	100	



uP071054C (NEC)
0-MOS PROGRAMMABLE TIMER COUNTER
— TOP VIEW —



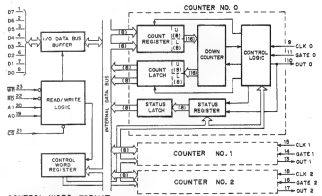
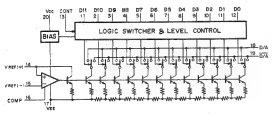
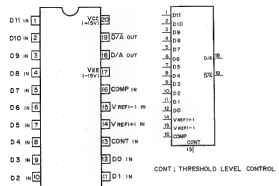
FUNCTION TABLE

INPUTS					FUNCTION
CS	RD	WR	AI	AQ	
0	1	0	0	0	Load Counter No. 0
0	1	0	0	1	Load Counter No. 1
0	1	0	1	0	Load Counter No. 2
0	1	0	1	1	Control Word
0	0	1	0	0	Read Counter 0
0	0	1	0	1	Read Counter 1
0	0	1	1	0	Read Counter 2
0	0	1	1	1	No-Operation (Hi-Z)
1	X	X	X	X	Disable (Hi-Z)
0	1	1	X	X	No-Operation (Hi-Z)

D7-D0 : 8-BIT DATA I/O
CLK 0-2 : COUNTER CLOCK
GATE 0-2 : COUNTER GATE
OUT 0-2 : COUNTER OUTPUT
RD : READ COUNTER
WR : WRITE CMD OR DATA
CS : CHIP SELECT
AO, AI : COUNTER SELECT

0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE
HI-Z: HIGH IMPEDANCE

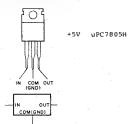
uP0848C (NEC)
12-BIT D/A CONVERTER WITH OPEN COLLECTOR OUTPUT
— TOP VIEW —



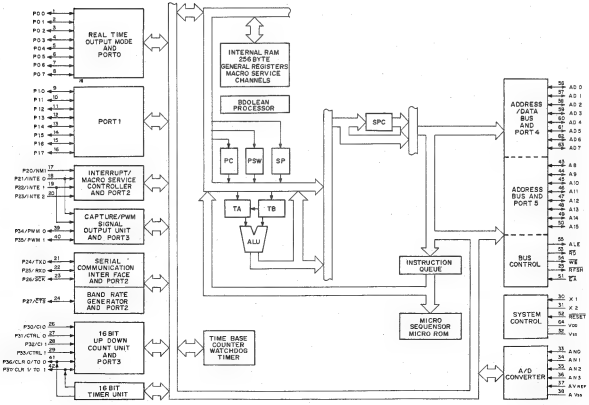
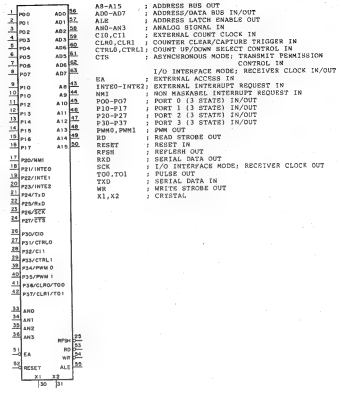
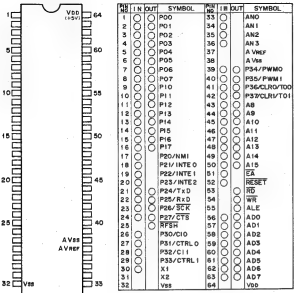
CONTROL WORD FORMAT

SC1	SC0	PL1	PL0	M0	M1	M2	MODE
0	0	0	0	0	0	0	COUNTER LATCHING
0	0	0	1	0	0	0	READ/LOAD LSB ONLY
0	0	1	0	0	0	0	READ/LOAD MSB ONLY
0	0	1	1	0	0	0	LSB FIRST, THEN MSB
0	1	0	0	0	0	0	COUNTER No. 0
0	1	0	0	0	0	1	COUNTER No. 1
0	1	0	0	0	1	1	COUNTER No. 2
0	1	1	1	0	0	0	MULTIPLE LATCH CMD

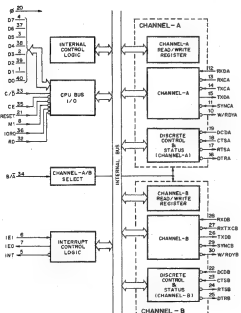
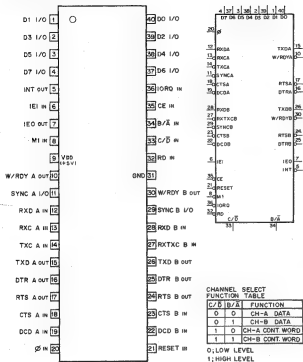
uPCT7817H (NEC)
POSITIVE VOLTAGE REGULATOR (1A)
— SIDE VIEW —



μPD78310CW (NEC)
C MOS 16BIT BIT ONE CHIP MICROCOMPUTER
— TOP VIEW —



Z80A-SIO/O (2102)
N-MOS 2-CHANNEL SERIAL INPUT/OUTPUT
FOR MICROCOMPUTER SYSTEM
— TOP VIEW —



S : SYSTEM CLOCK IN
 DT-DO : DATA BUS/3 STATE I/O
 C/B : CONTROL/DATA SELECT IN
 CE : CHIP ENABLE IN
 M1 : MACHINE CYCLE 1 IN
 IORQ : I/O REQUEST IN
 RD : READ IN
 B/B : CHANNEL B/A SELECT IN
 IEI : INTERRUPT ENABLE IN
 IEO : INTERRUPT ENABLE OUT
 INT : INTERRUPT OUT
 RXD : RECEIVE DATA IN
 RXC : RECEIVE CLOCK IN
 TXC : TRANSMIT CLOCK IN
 TXD : TRANSMIT DATA OUT
 SYNC : EXTERNAL CHARACTER SYNCHRONIZATION I/O
 W/RDY : WAIT/READY OUT
 DCD : DATA CARRIER DETECT IN
 CTS : CLEAR TO SEND IN
 RTS : REQUEST TO SEND OUT
 DTR : DATA TERMINAL READY OUT



2SA1005



2SA1115



2SA1141
2SB648A



2SA1175



2SA768



2SB733
2SB734



2SB739



2SB822



2SC1740
2SC2754
2SC2878



2SC2785



2SC2901



2SC3012



2SC4035P



2SD1055



2SD1111



2SD68A



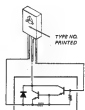
2SD773
2SD774



2SD788



2SD894



2SD698



2SK523



DM211



DTA124ES (R1=22K, R2=22K)
DTA124XS (R1=22K, R2=47K)
DTA144ES (R1=47K, R2=47K)



DTC124ES (R1=22K, R2=22K)
DTC143TS (R1=47K, R2=OPEN)
DTC144ES (R1=47K, R2=47K)



TOP VIEW TX429M



106-1
106-2
15T655
15ST19
15ST53



15S97
15S99



BR5104S : RED



GL-5H05 ; RED



GP-1152
GP-1153



FC64M

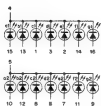


HLMP-1302 ; RED

DUAL 7-SEGMENT LED
— TOP VIEW —



LB402VK (ROHM)



RD 7 768



SPS102



TL0285 ; GREEN
TL0286 ; YELLOW



L05E

SECTION 16 SCHEMATIC DIAGRAMS

In the schematic diagrams, the following marks are described nearby reference number.
These are parts data at factory.

CAPACITOR (C)

AL	}	ELECTROLYTIC
AS		
TA	}	TANTALUM
CA		
CC	}	CERAMIC
CCS		
CM		
CS		
MPS	}	MYLAR
PP		
PS		
PT		
MD	}	DIPPED MICA
MS		

RESISTOR (R)

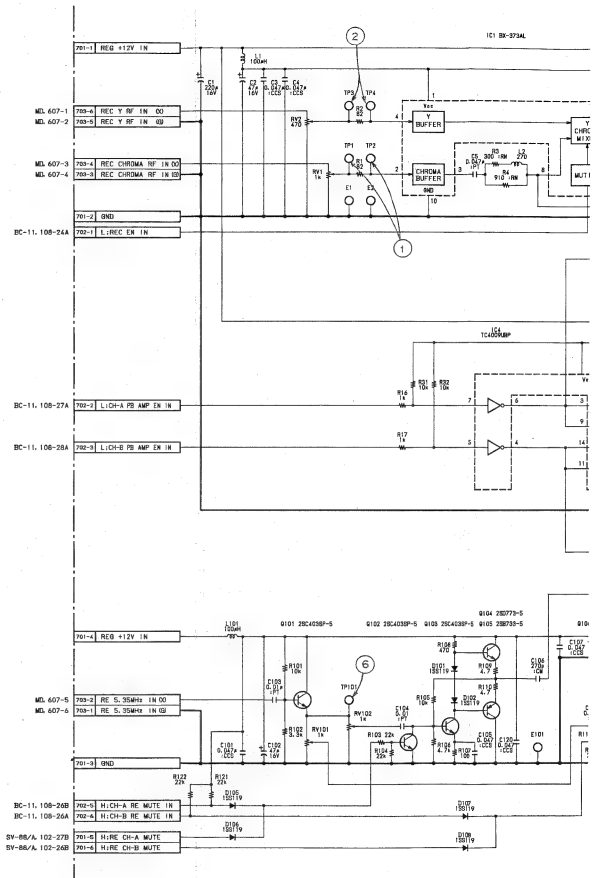
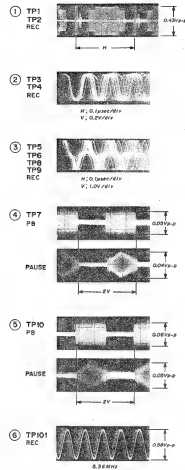
VARIABLE RESISTOR (RV)

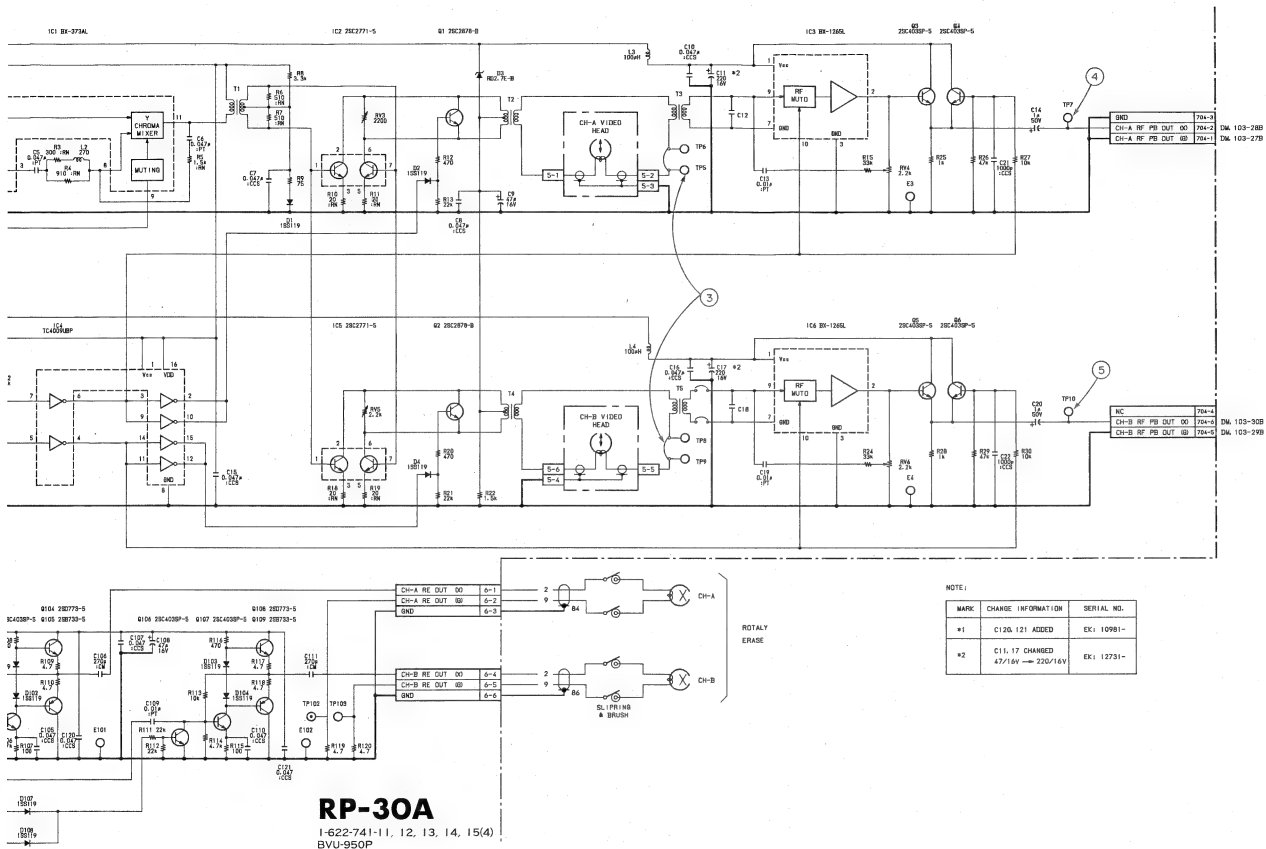
RC	}	CARBON
RD		
RF	}	FUSE
RN		
RS	}	METAL
RW		

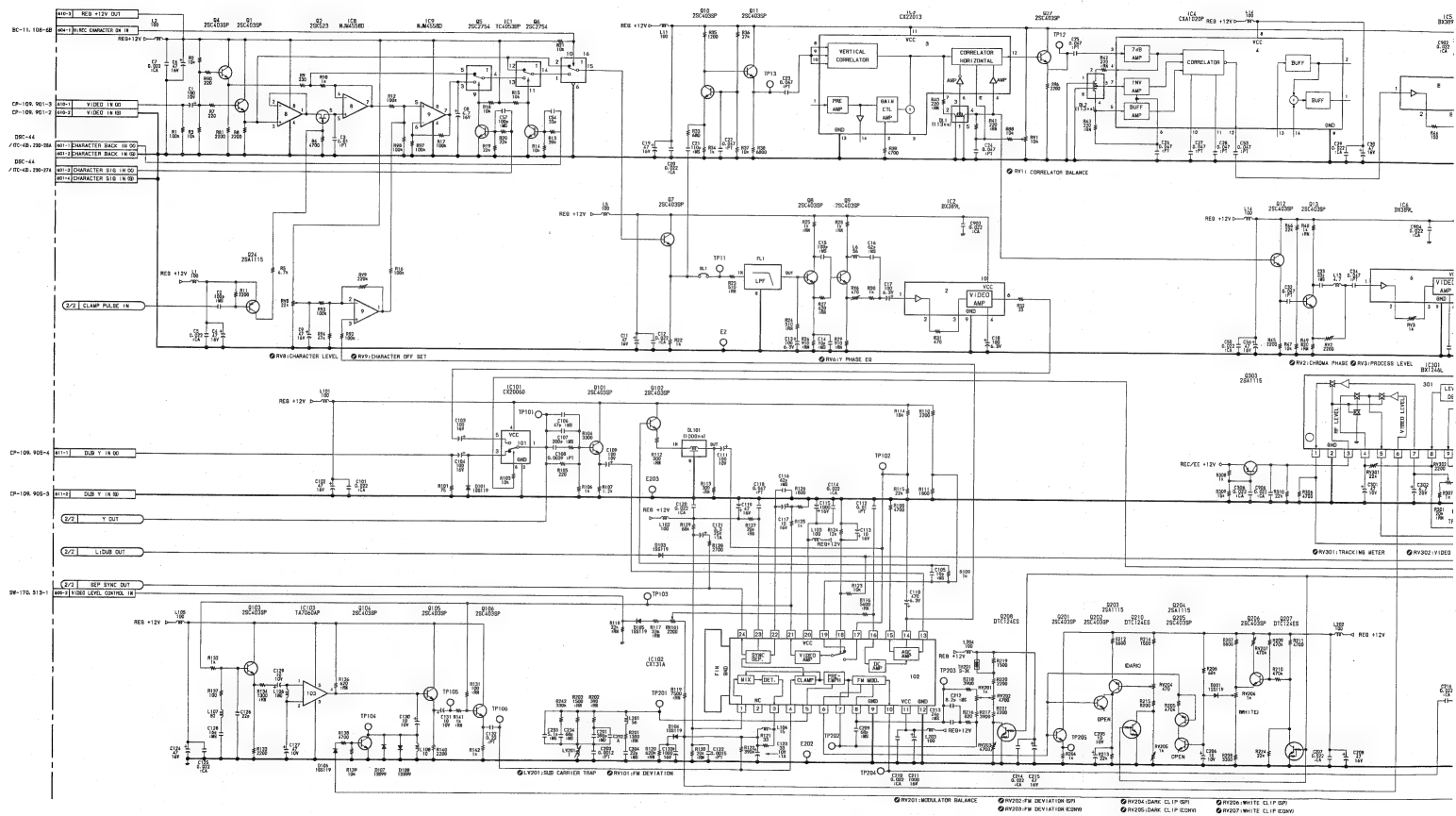
The circuit information is provided below.

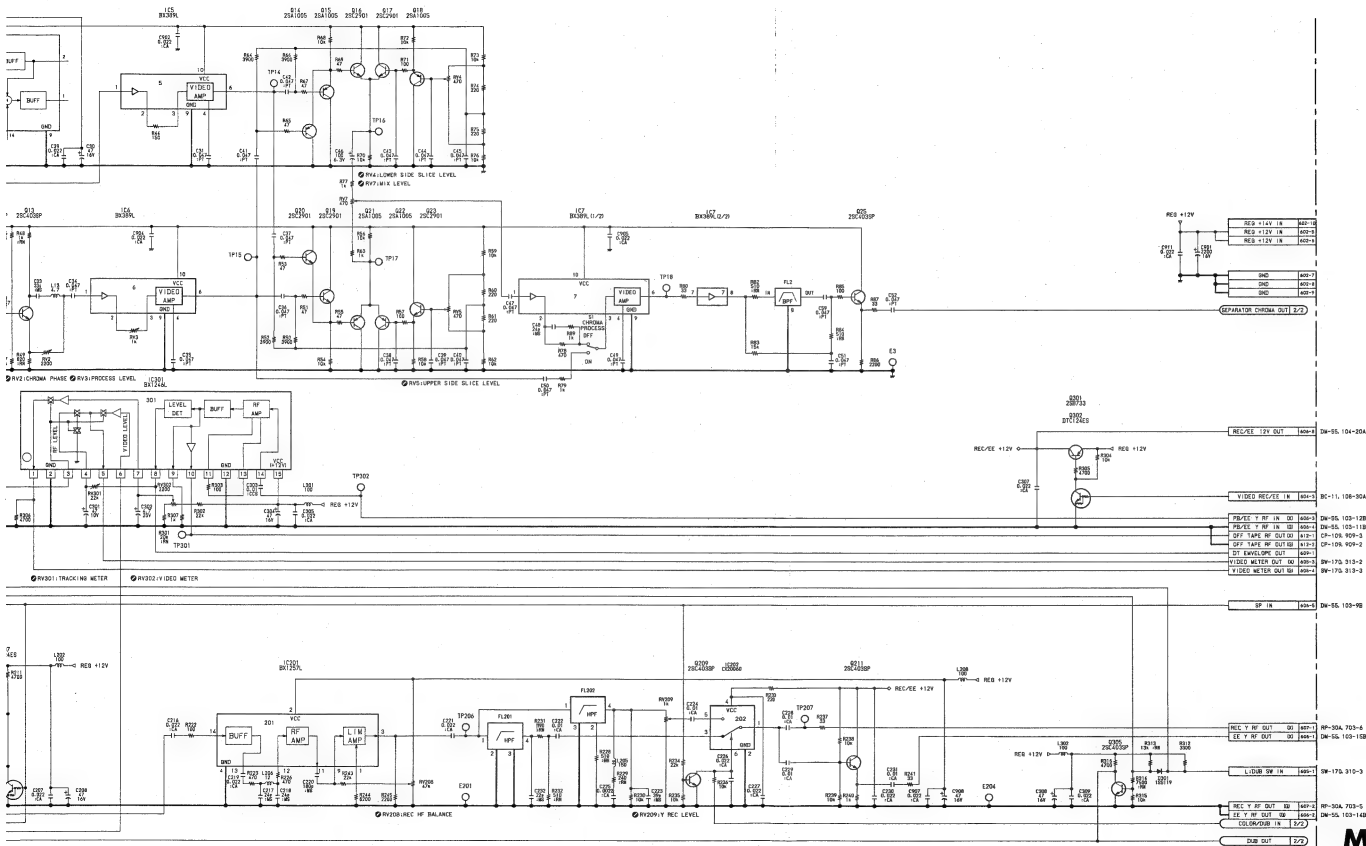
SYSTEM	CIRCUIT BOARD	CIRCUIT FUNCTION
VIDEO	RP-30A	RF REC/PB /rotary erase
	MD-45	Y/C modulator
	DM-55	Y/C demodulator
	SW-170	Video level MANU/AUTO select
	VR-48	Video level control
	MT-28	Video level meter
AUDIO	AU-83A	CH-1 REC/PB /DOLBY processor
	DUS-71	Variable coil
	AU-84A	CH-2 REC/PB
	DUS-71	Variable coil
	HN-77	Junction board
	AU-85A	DOLBY auto detector, bias oscillator
	SW-171	DOLBY ON/OFF switch
	AU-87	Mic/output/monitor amplifier
	VR-48	REC/PB level control
	MT-28	Audio level meter
	VR-49	Headphones level control
	HP-28	Headphones
	DUS-92	Audio head
	DUS-147	Junction board for audio head
	BC-11	Full erase oscillator
	SW-170	Audio monitor select
SERVO	SV-88A	Drum/capstan/reel servo
	SE-48	Reel rotation detector
	DR-53	Motor driver for reel/capstan/drum
	DR-59	Motor driver for reel
	PTC-28	S-tension CDS
	LE-53	S-tension LED
	PTC-29	T-tension CDS
	LE-54	T-tension LED
	DUS-177	T-reel motor
	DUS-178	S-reel motor
	VR-48	Tracking control

SYSTEM	CIRCUIT BOARD	CIRCUIT FUNCTION
SYSCON	SY-102A	System control
	KY-101 / KY-144	Function key board
	DP-62	Display
	BC-11	Video/audio timing control
	HN-80	Threading motor driver
	LM-13	Threading motor
	PD-37	Cassette-up compartment motor driver /Solenoid driver
	CC-31 / CC-36	Cassette compartment driver
	CC-32 / CC-36	Cassette down detector
	CC-33 / CC-37	Cassette in detector
	PTC-30	SP, miss REC. KCA detector
	PTC-33	FR stop detector
	PTC-34	Uthread end detector
	PH-5(A)	Tape top LED
	PH-5(B)	Tape top sensor
	PH-5(C)	Tape end LED
	PTC-26	Tape end sensor
	SW-170	Select switch /warning indicator
	SW-171	Remote 1/2 Select /TBC ON/OFF /Character ON/OFF
	PTC-32	Search dial
TIME CODE	RM-44	Remote control (9pin & 24pin)
	DSC-44	Character generator
	TC-42	Time code (Option)
	BC-11	Time code REC/PB amplifier
POWER	HN-84	Time code head
	SW-172	Time code control Switch (Option)
	AC-78A	AC primary circuit
	AC-79	Line filter
	M1	Switching Regulator (UR-21)
	M2	
OTHERS	C1	
	C2	
	MB-127	Mother board
	MB-139	Sub mother for TC
	CP-109	Connector panel
	RM-45	TBC remote control
	EX-127	Extension board for Audio/Time code
	EX-128	Extension board for Video/Servo/TBC
	HN-80	Relay board for video/tape sensor/ threading motor driver
	HN-83	Relay board for time code head/erase head
	MT-28	Meter
	LP-41	Cassette compartment light
	TBC-6	Time base corrector (Option)









16-15(a)

16-16(a)

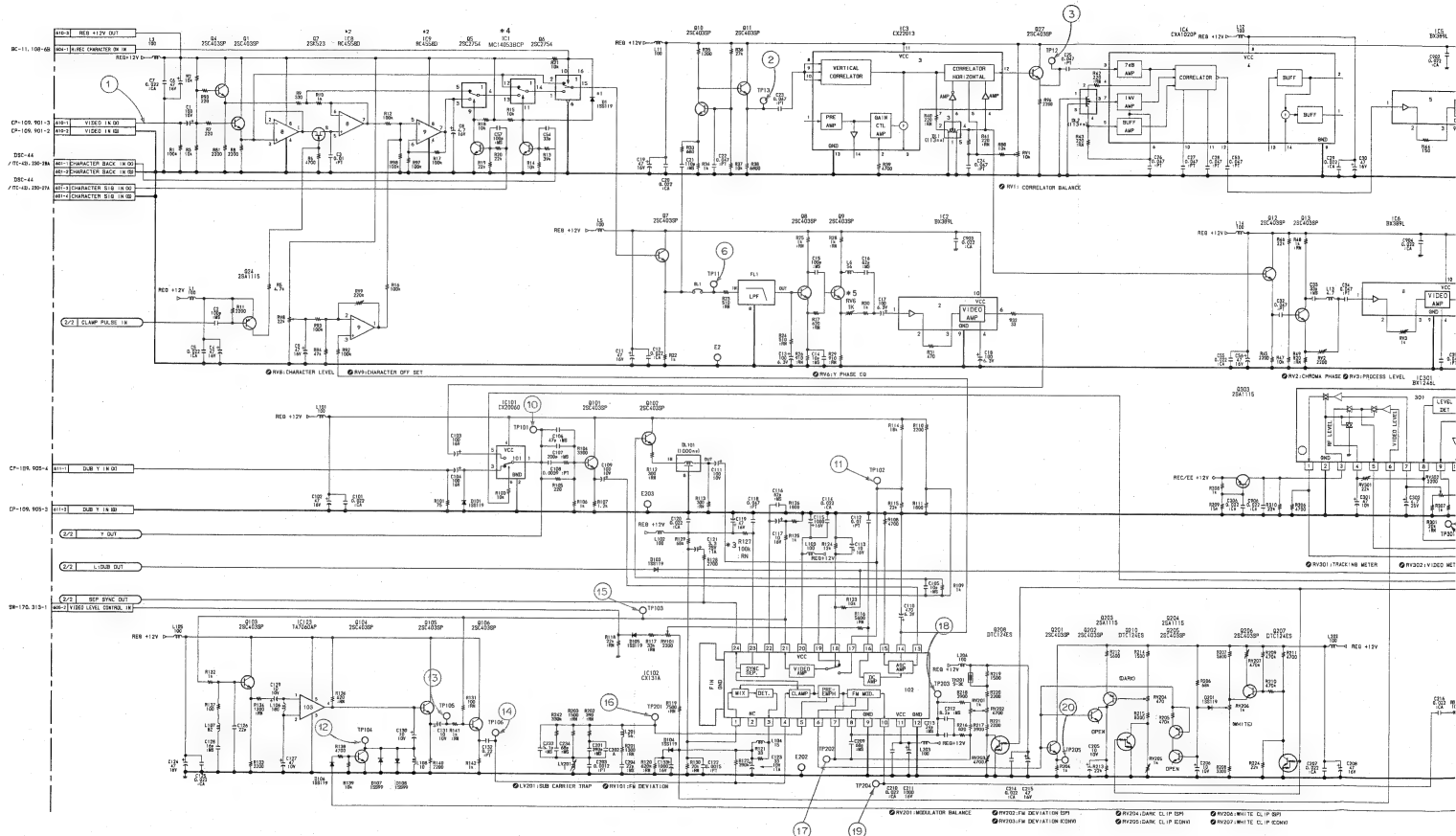
MD-45(1/2)

1-622-742-1(1)

BUV-950P

MD-45(1/2): Y/C MODULATOR

S/N 10981 AND HIGHER(1K)

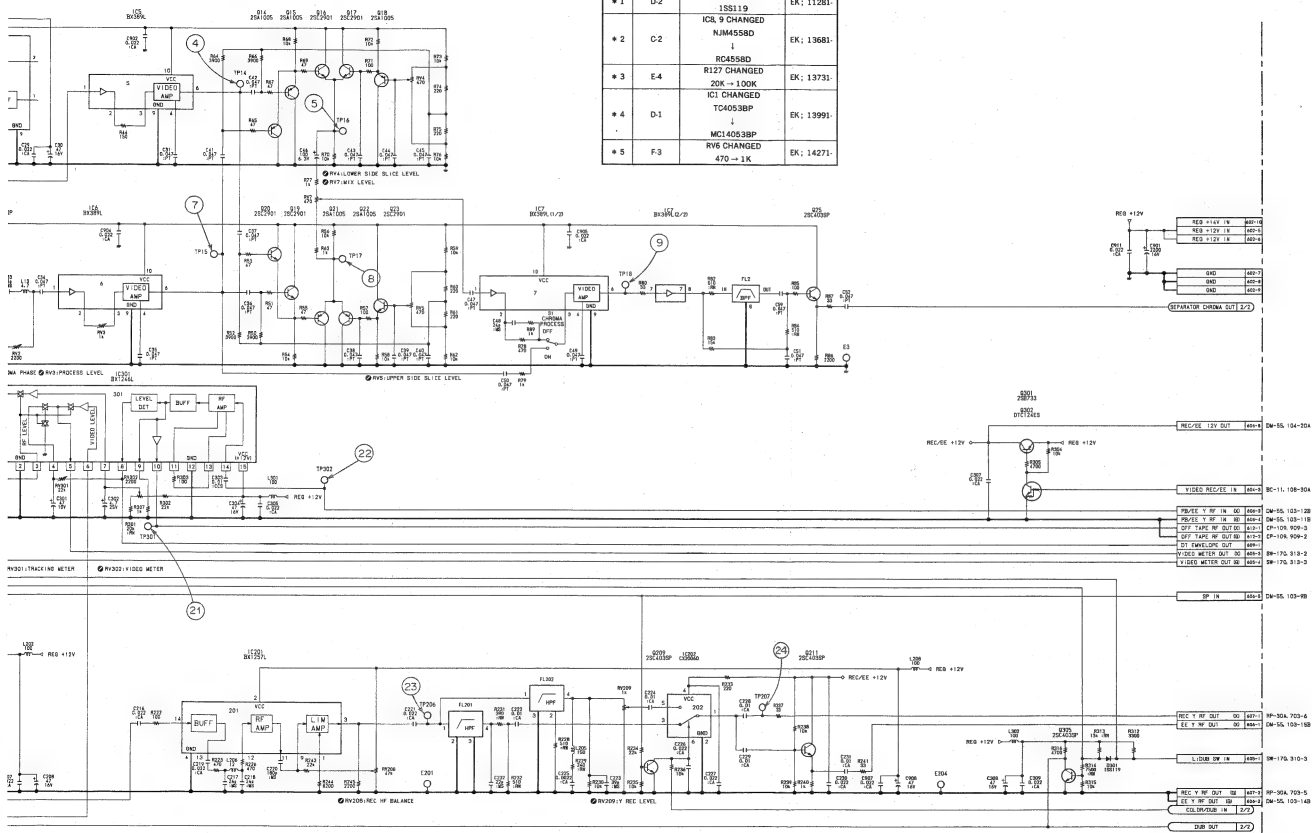


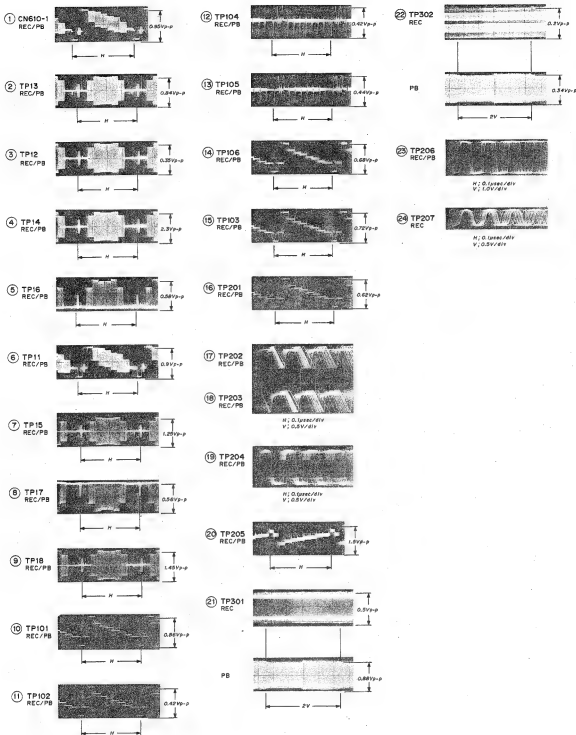
16-13 (b)

16-14 (b)

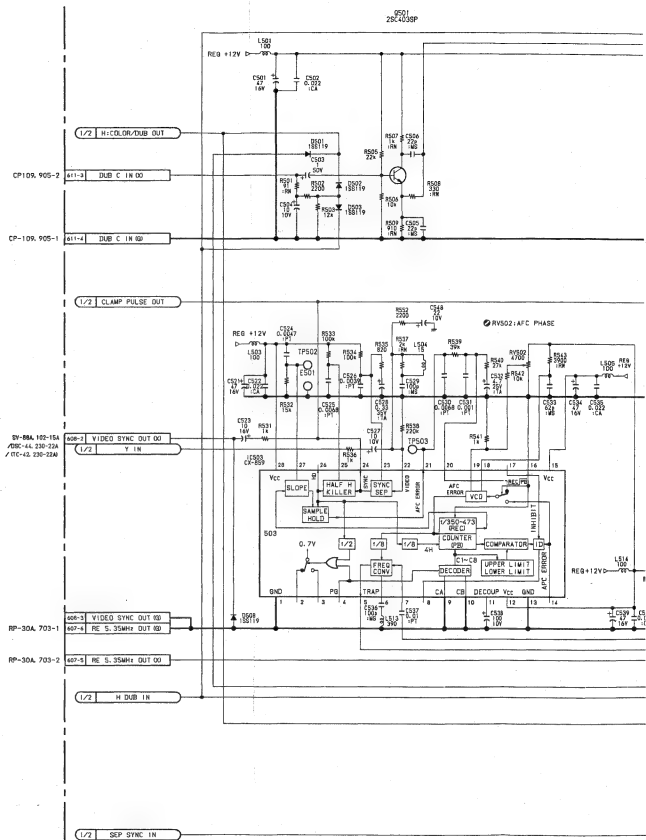
NOTE:

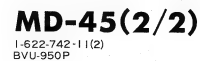
MARK	ADDRESS	CHANGE INFORMATION	SERIAL NO.
* 1	D-2	D1 ADDED 1SS119	EK; 11281-
* 2	C-2	IC8, 9 CHANGED NJM4558D	EK; 13681-
* 3	E-4	RC4558D R127 CHANGED 20K → 100K	EK; 13731-
* 4	D-1	IC1 CHANGED TC4053BP	EK; 13991-
* 5	F-3	RV6 CHANGED 470 → 1K	EK; 14271-

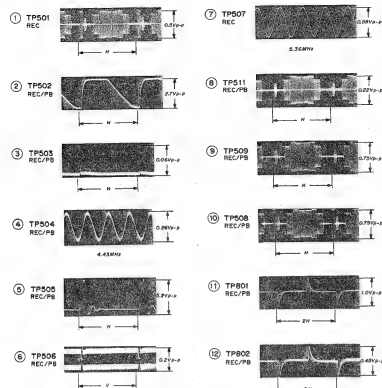




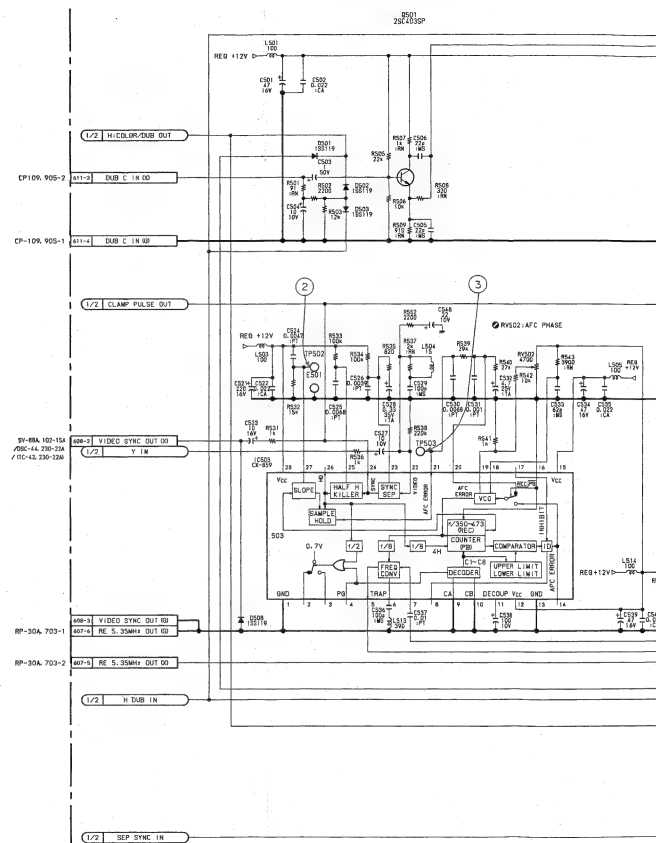
MARK	CHANGE INFORMATION	SERIAL NO.
●3	Q506 CHANGED 29C1740 → 29C4885P	EX : 10001 →



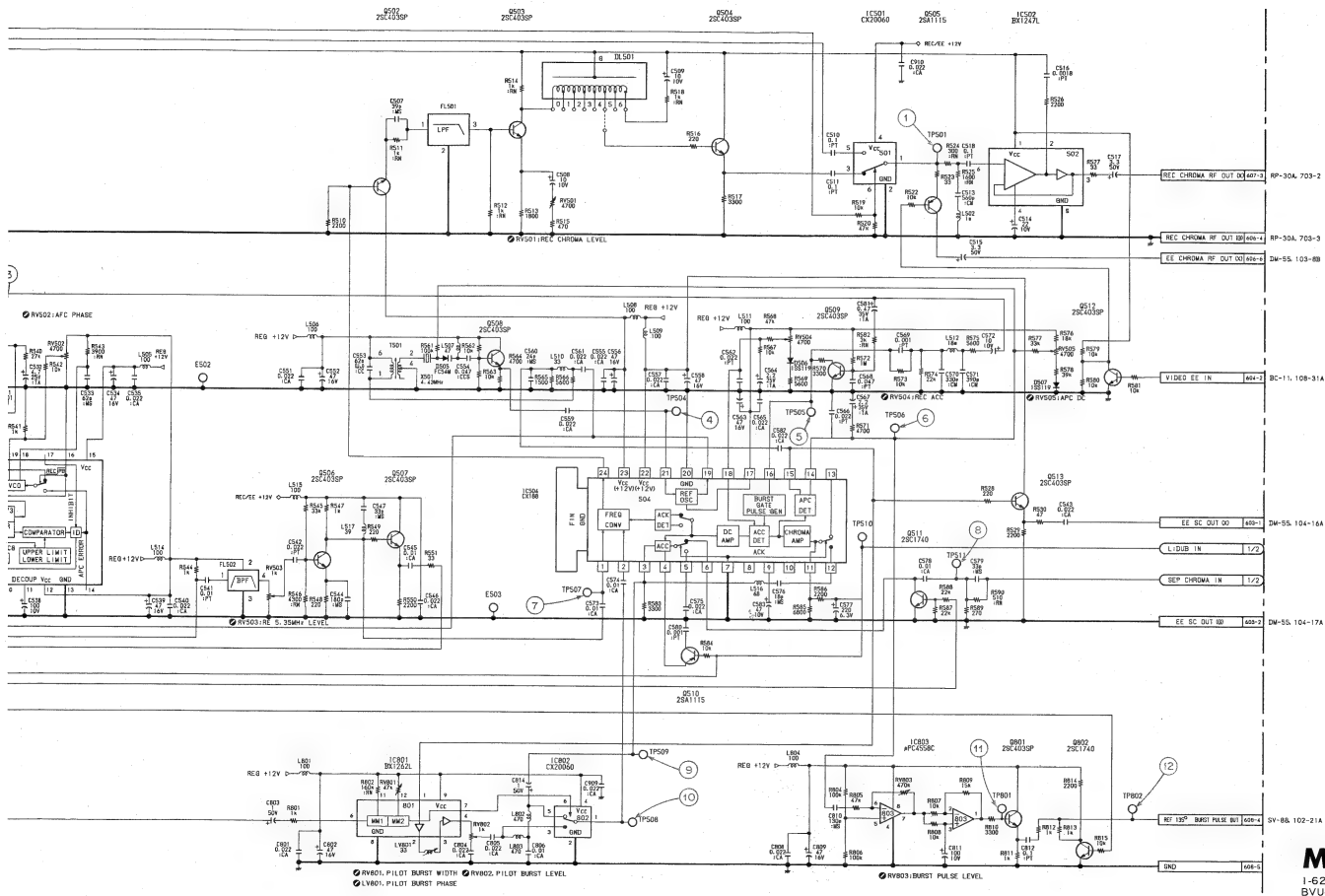




16-23(b)



16-24(b)

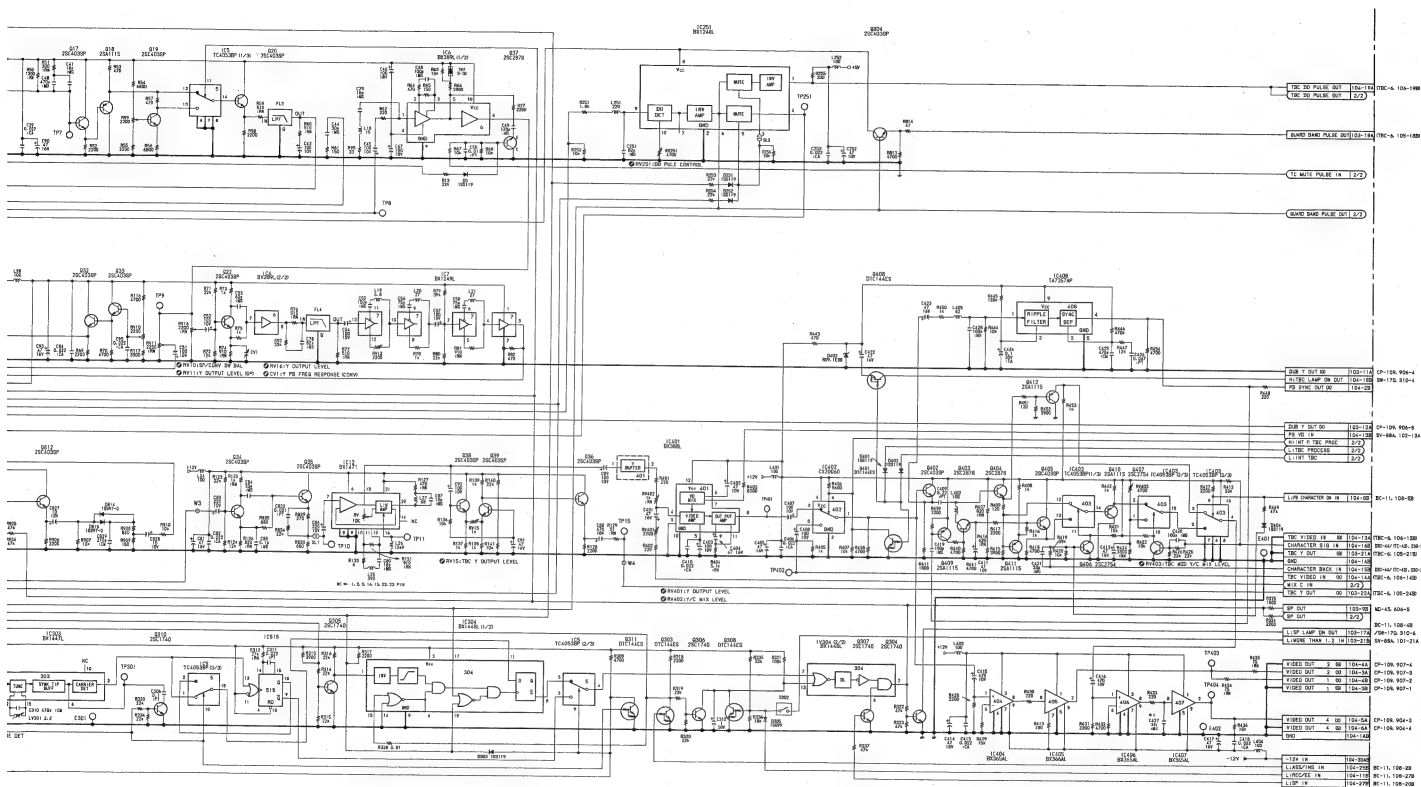


16-25 (b)

16-26 (b)

MD-45(2/2)

1-622-742-12(1)
BVU-950P



NOTES:

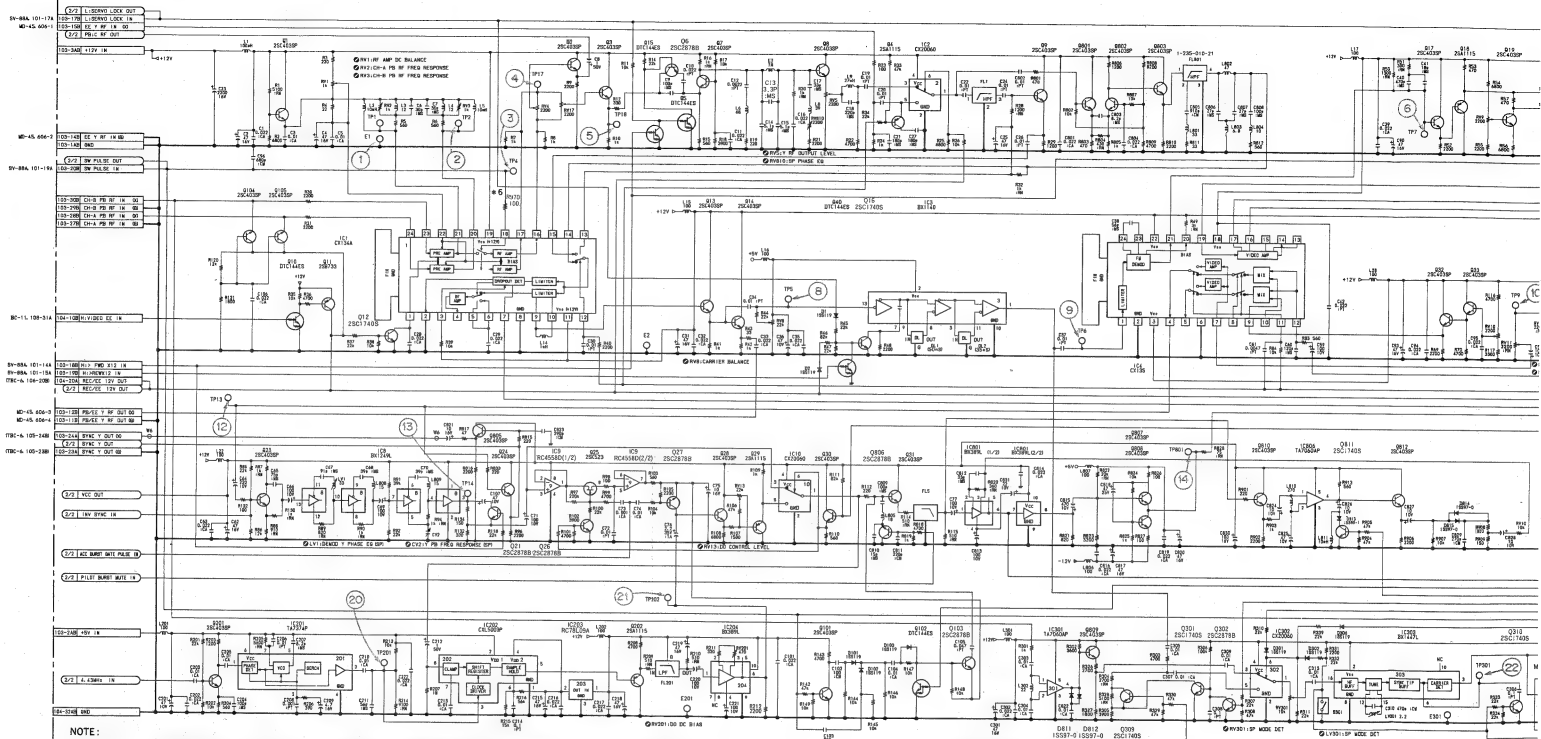
MARK	CHANGE INFORMATION	SERIAL NO.
*1	DOT CHANGED	EX - 1000
*2	WELL PIN SELECTED	EX - 1000

DM-55(1/2)

1-622-943-11, 12(2)
BVU-950P

DM-55(1/2): Y/C DEMODULATOR

S/N 10981 AND HIGHER(EK)

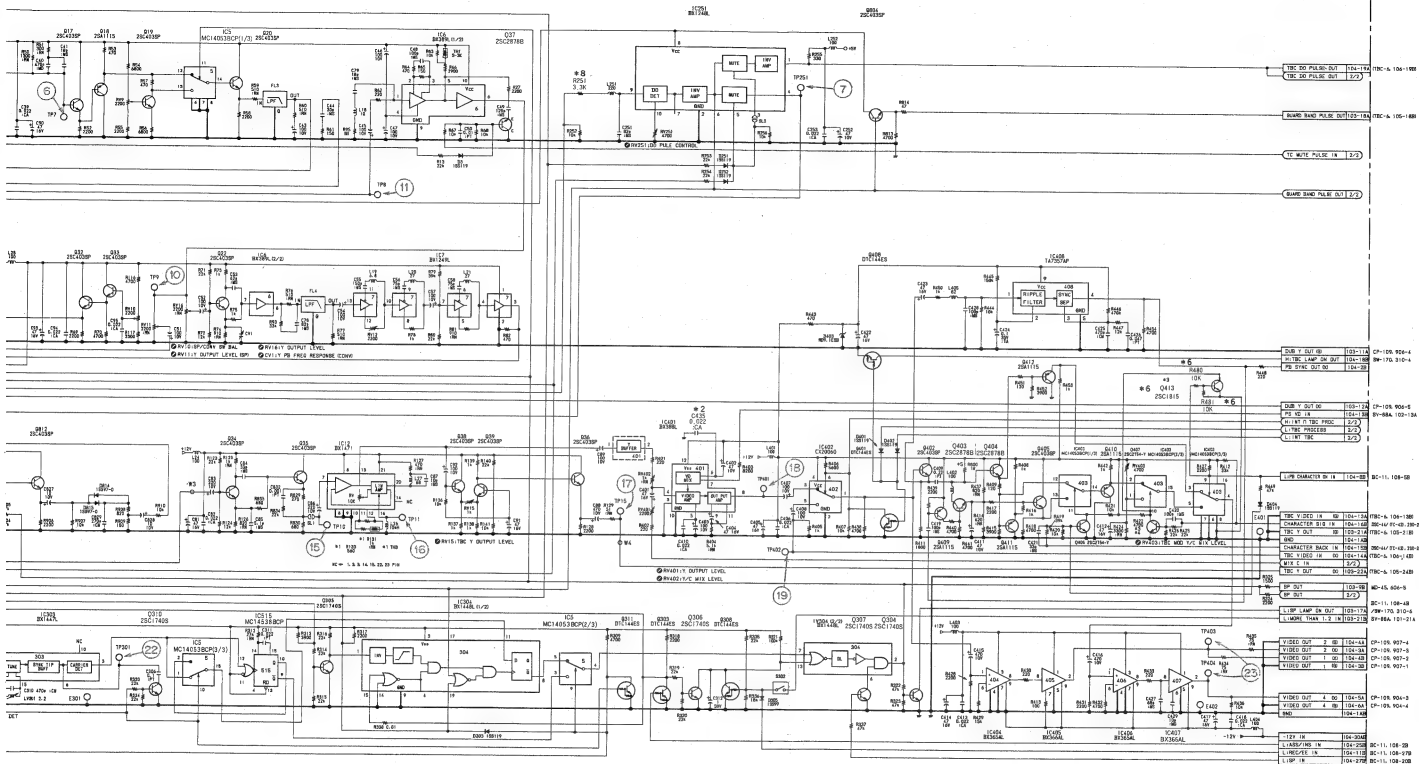


16-31 (b)

MARK	ADDRESS	CHANGE INFORMATION	SERIAL NO.
* 5	M-3	R800 ADDED	
		1M	EK: 12731
	N3	Q413 CHANGED	
		DTC144ES - 25C1815	
	O-3	R480 ADDED	
		10K	EK: 13731
	O-3	R480 ADDED	
		10K	
	D-2	R970 ADDED	
		100	

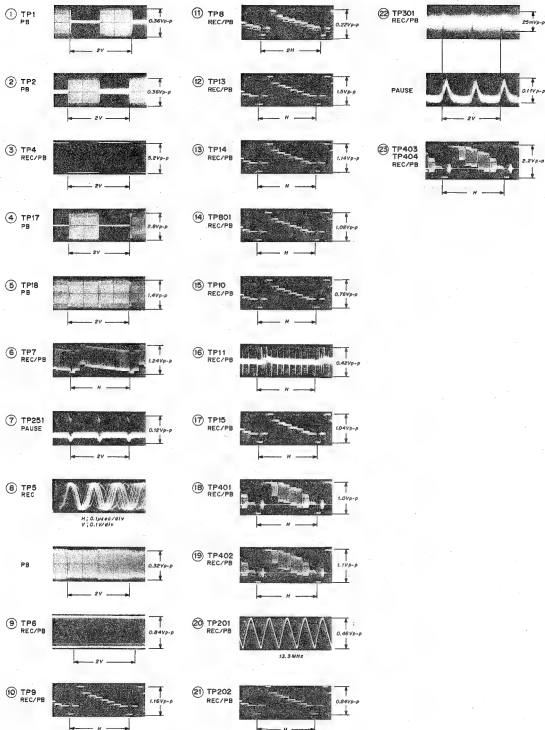
MARK	ADDRESS	CHANGE INFORMATION	SERIAL NO.
* 8	N-1	R251 CHANGED	
		1.8K - 3.3K	EK: 16306

16-32 (b)



DM-55(1/2)

1-622-743-13, 14, 15(6)
BVU-950P

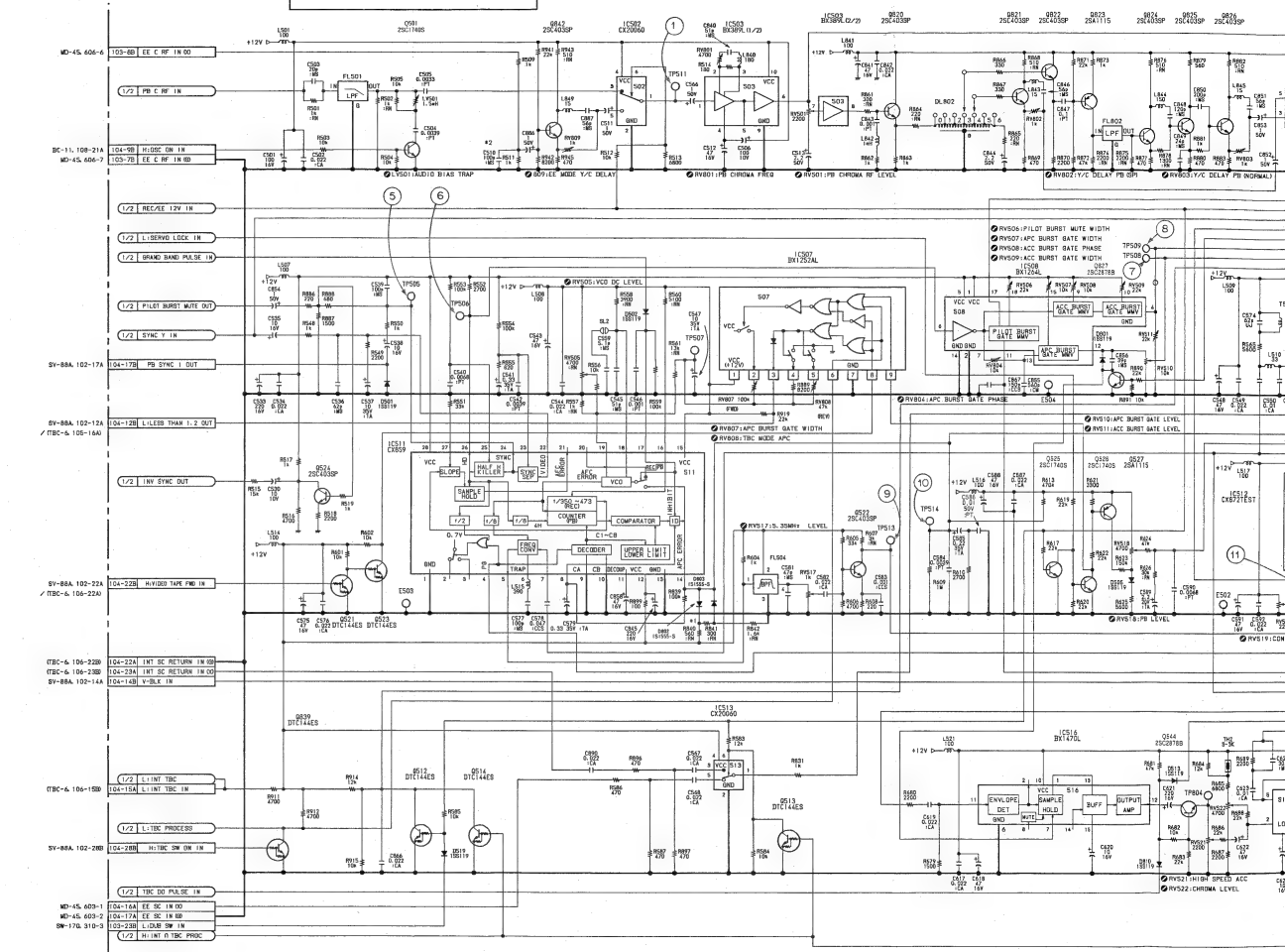


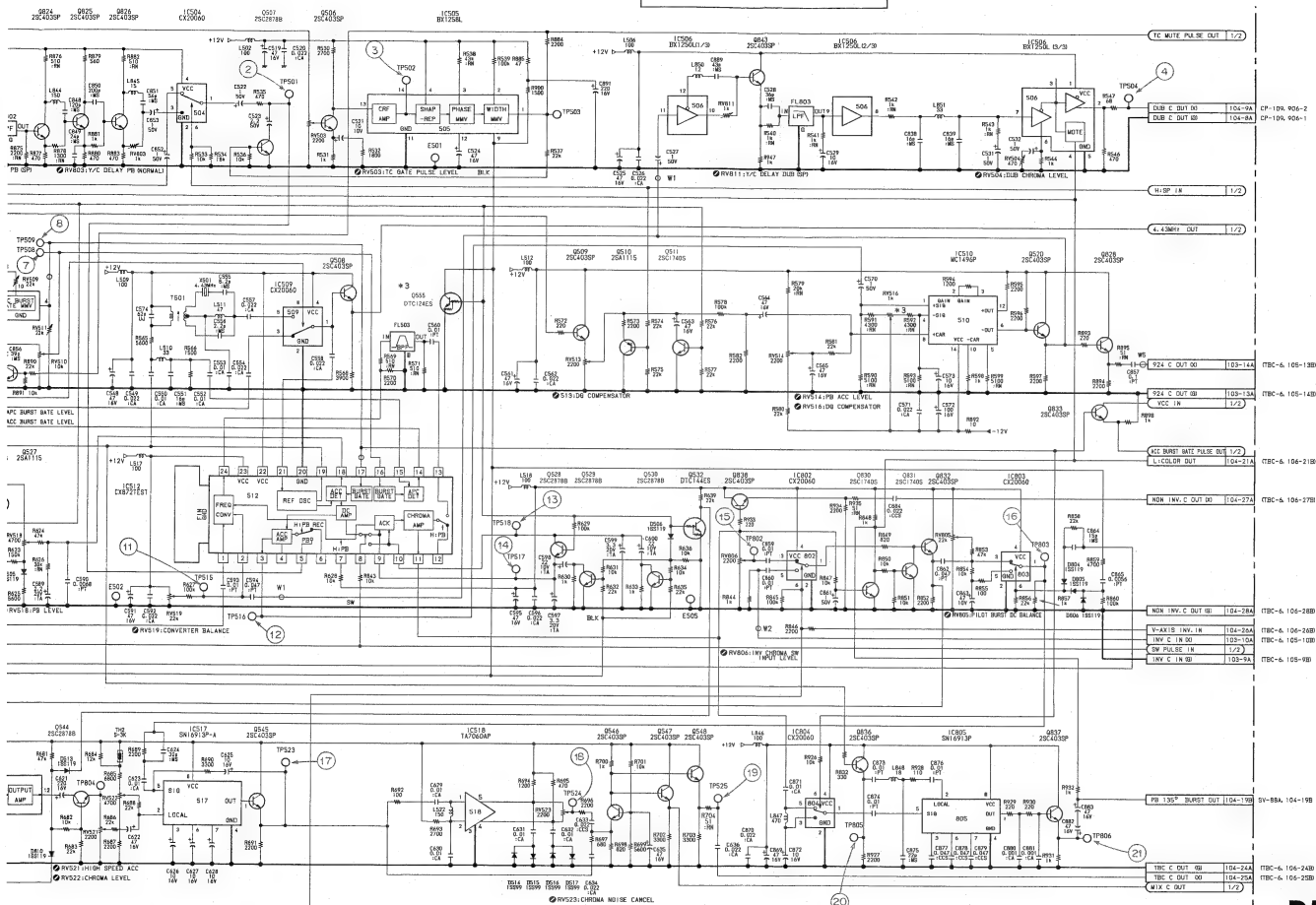
H

M-55(2/2): Y/C DEMODULATOR
S/N 10981 AND HIGHER(EK)

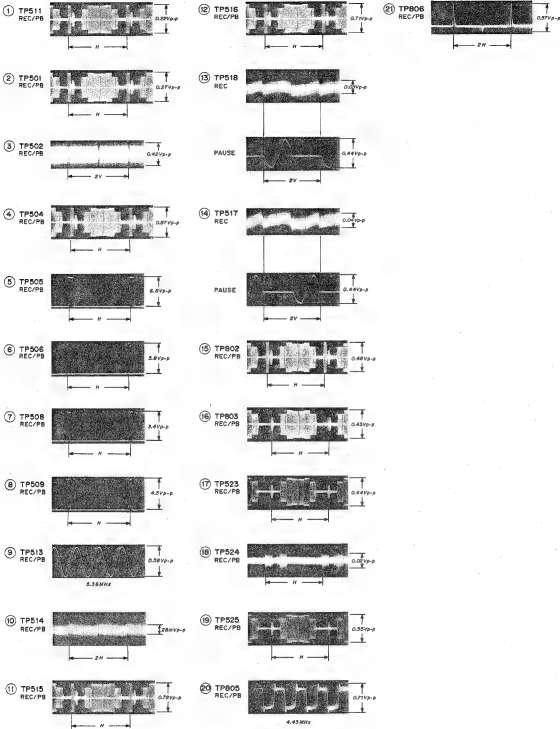
NOTE:

MARK	ADDRESS	CHANGE INFORMATION	SERIAL NO.
* 1	F-4	R840 CHANGED 470 → 560	EK: 11281
* 2	E-3	C510 CHANGED 47P → 100P	EK: 11681
* 3	M-2	R592 CHANGED 4700 → 4300 Q555 ADDED DTC124E5	EK: 13731

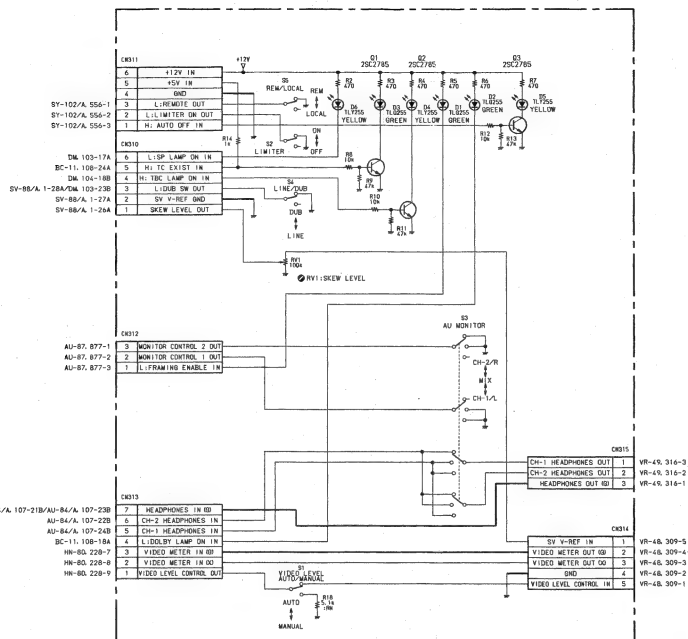




DM-55(2/2)
1-622-743-13,14,15(4)
BVU-950P

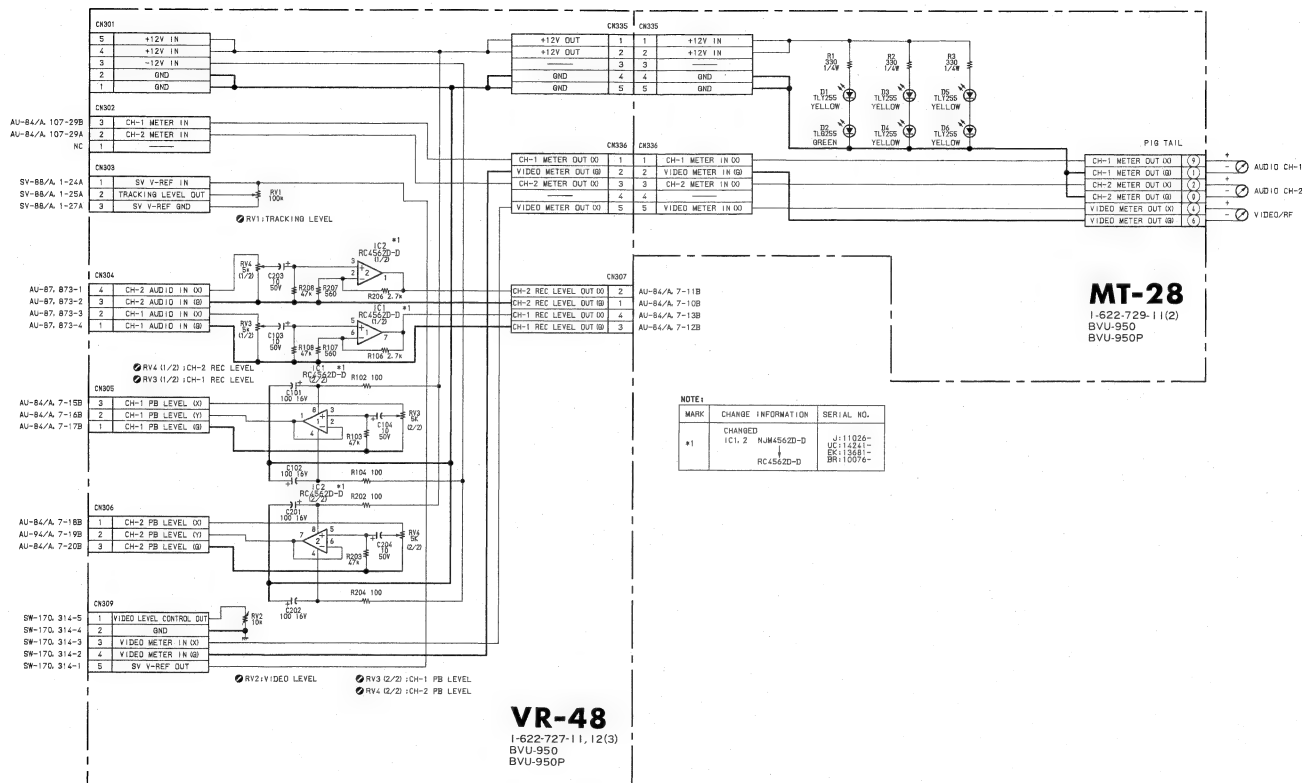


SW-170: SELECT SWITCH/WARNING INDICATOR

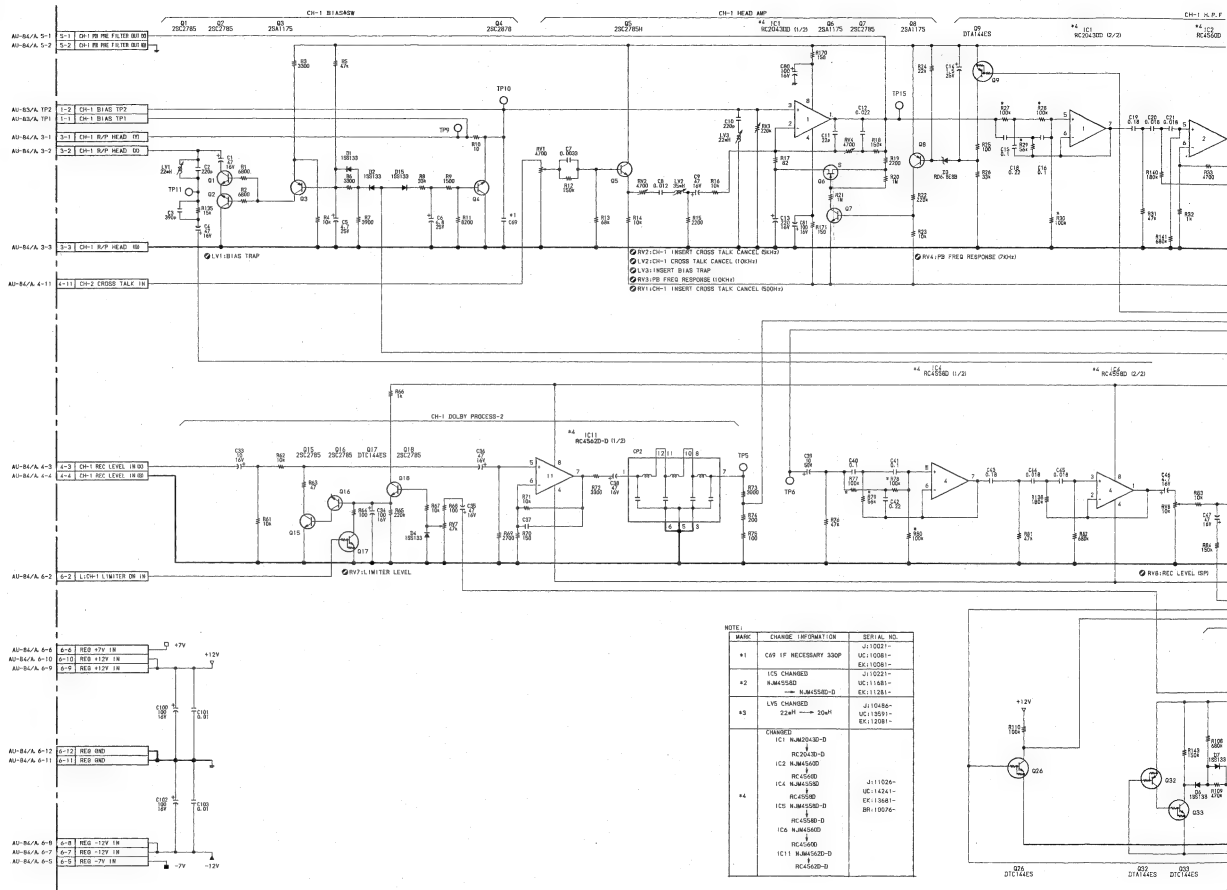


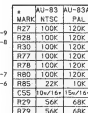
MT-28: VIDEO/AUDIO LEVEL METER

VR-48: VIDEO/AUDIO/TRACKING LEVEL CONTROL



AU-83A; CH-1 REC/PB /DOLBY PROCESSOR
DUS-71; VARIABLE COIL



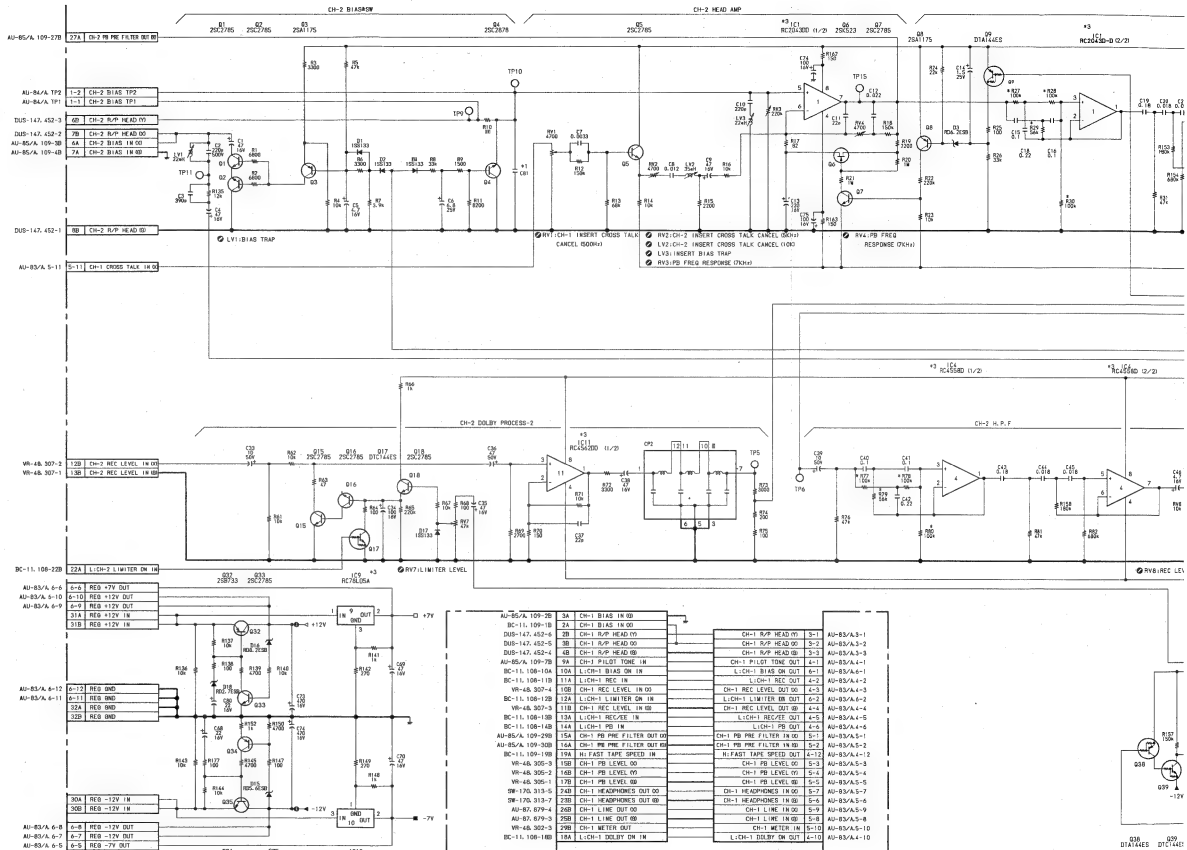


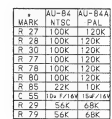
1-622-700-11, 12, 13(4)
BVU-950
BVU-950P

U-84A: CH-2 REC/PB AMPLIFIER
DUS-71: VARIABLE COIL

NOTE:

MARK	CHANGE INFORMATION	SERIAL NO.
# 1	C81 IF NECESSARY 330P	J : 10023 UC: 10081 EK: 10081
# 2	IC5 CHANGED NJ4558D → NJ4558D-D CHANGED IC1 NJ4560D → RC20430-D IC2 NJ4560D → RC4560D IC4 NJ4558D → RC4558D IC5 NJ4558D-D → RC4558D-D IC6 NJ4560D → RC4560D IC9 NJ4560D → RC4560D IC10 NJ4560D → RC4560D IC11 NJ4560D → RC4560D	J : 10023 UC: 10081 EK: 11281
# 3	J : 11026 UC: 14241 EK: 13680 BR: 10076	J : 11026 UC: 14241 EK: 13680 BR: 10076
# 4	LVS CHANGED 22mH → 20mH	J : 11926 UC: 15641 EK: 13781

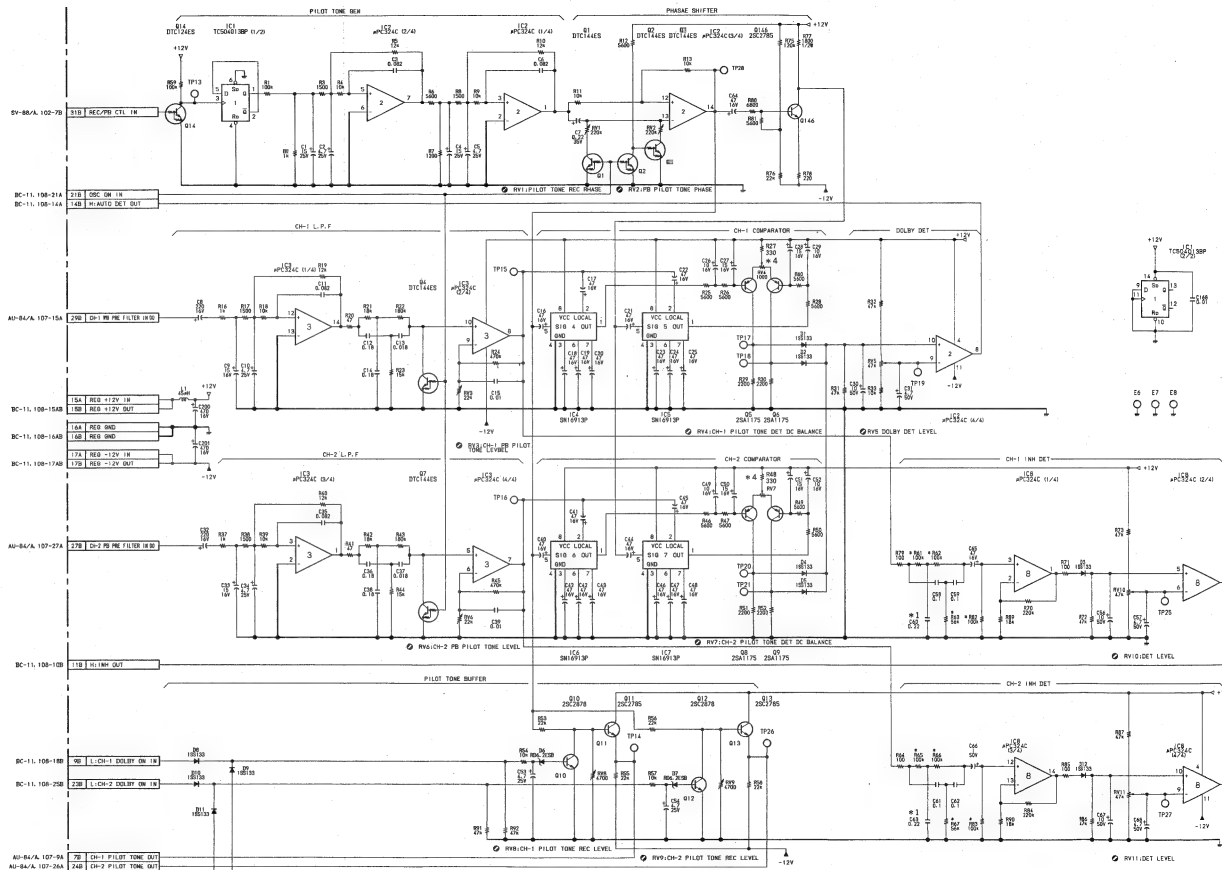


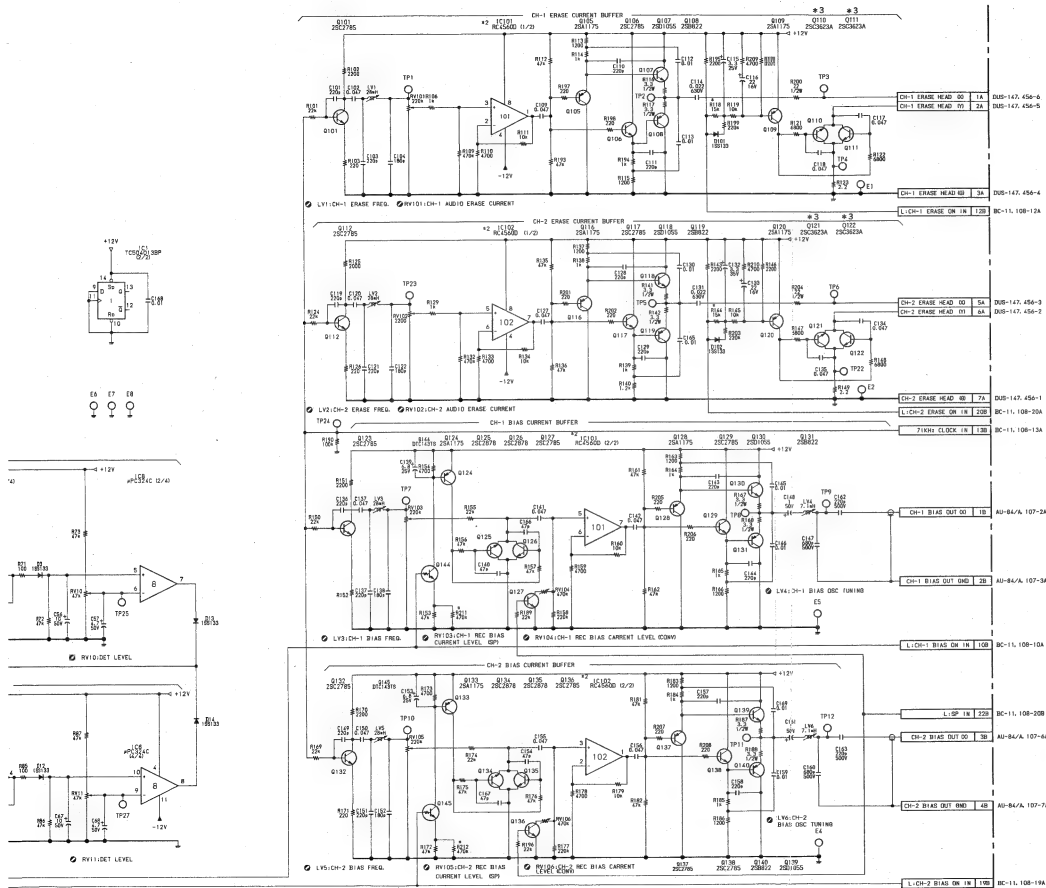


1-622-701-11, 12, 13(5)
BVU-950
BVU-950P

AU-85A; DOLBY AUTO DETECTOR, BIAS OSCILLATOR

NOTE		CHANGE INFORMATION		SERIAL NO.
NO.	ADDRESS			
# 1	G-4	0.02 CHANGED 0.02/35V - 0.22		J : 10221; UC: 11681; EK : 11281;
	G-5	0.03 CHANGED 0.02/35V - 0.22		
# 2	K-1	IC10 CHANGED NJM4560D		J : 11026; J : 14241; EK : 13851; BR: 10076
	K-2	RC4560D IC102 CHANGED NJM4560D NJM4560D RC4560D		
# 3	L-1	Q110, L11 CHANGED 25C2678		J : 11396; UC: 16956; EK : 14271;
	L-2	25C3623A Q121, L23 CHANGED 25C2878 25C2878 25C3623A		
# 4	G-2	R27 CHANGED 470 - 330		J : 11735; UC: 17256; EK : 14535
	G-3	R48 CHANGED 470 - 330		



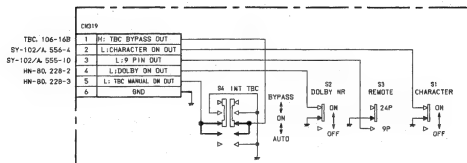


	AU-85	AU-85A
MARK	INTSC	PAL
RA1	100K	120K
RA2	100K	120K
RA3	100K	120K
RA4	100K	120K
RA5	10K	12K
RA6	10K	12K
RA7	10K	12K
RA8	10K	12K
RA9	10K	12K
RA10	10K	12K
RA11	10K	12K
RA12	10K	12K
RA13	10K	12K
RA14	10K	12K
RA15	10K	12K
RA16	10K	12K
RA17	10K	12K
RA18	10K	12K
RA19	10K	12K
RA20	10K	12K

AU-85/A

I-622-702-11, 12, 13, 14(7)
BVU-950
BVU-950P

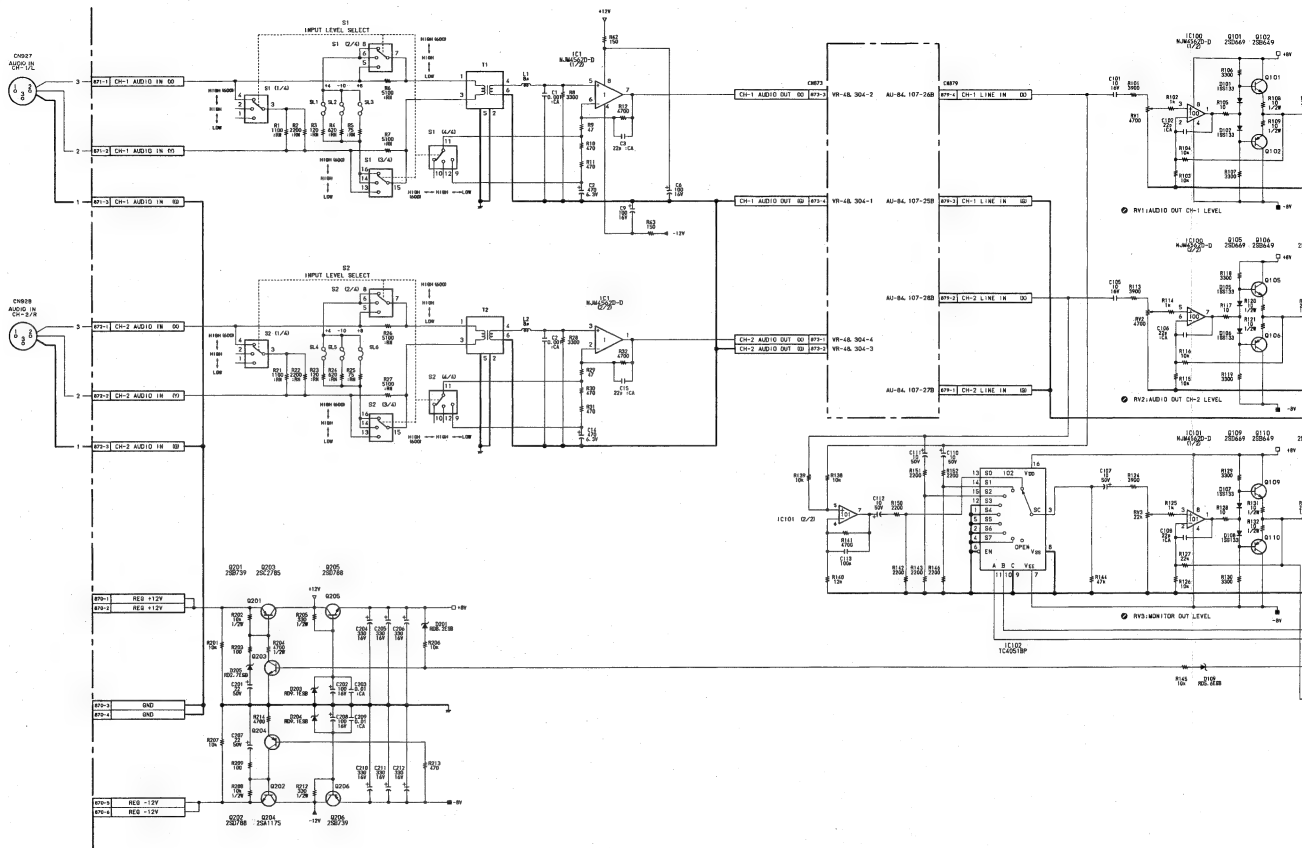
SW-171: SELECT SWITCH

**SW-171**

1-622-738-11, 12(2)
 BVU-950
 BVU-950P

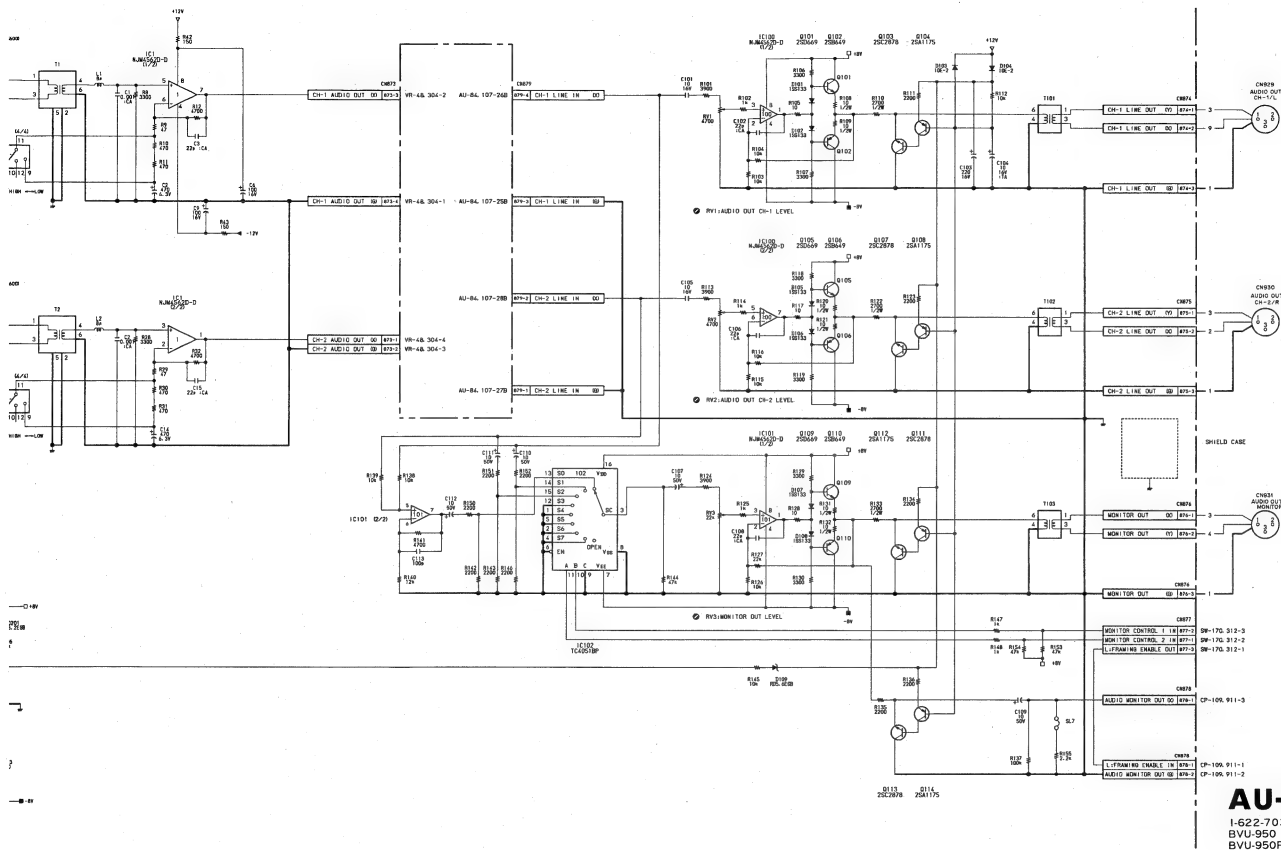
AU-87: MIC/OUTPUT/MONITOR AMPLIFIER

S/N UP TO 10980(EK)



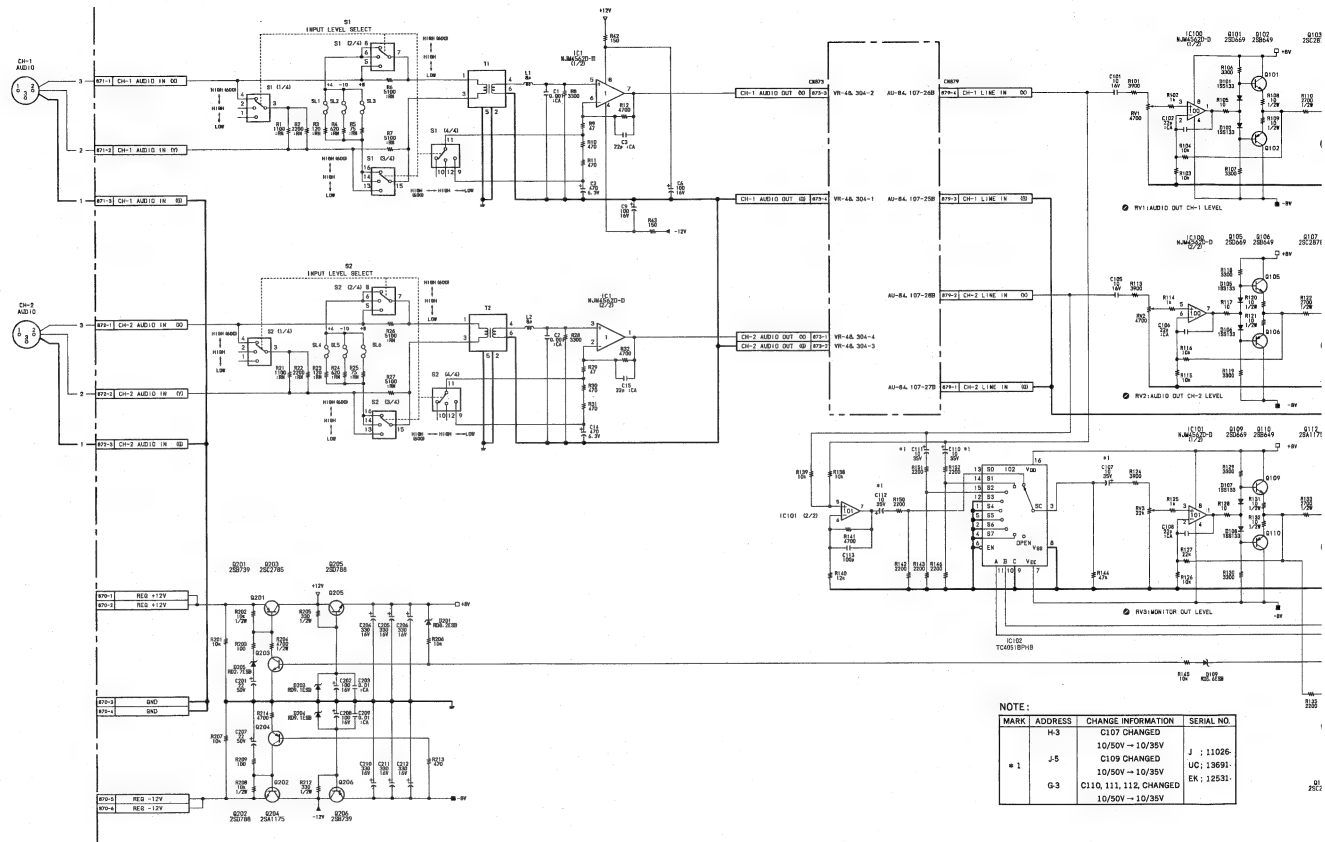
16-84(a)

16-85(a)

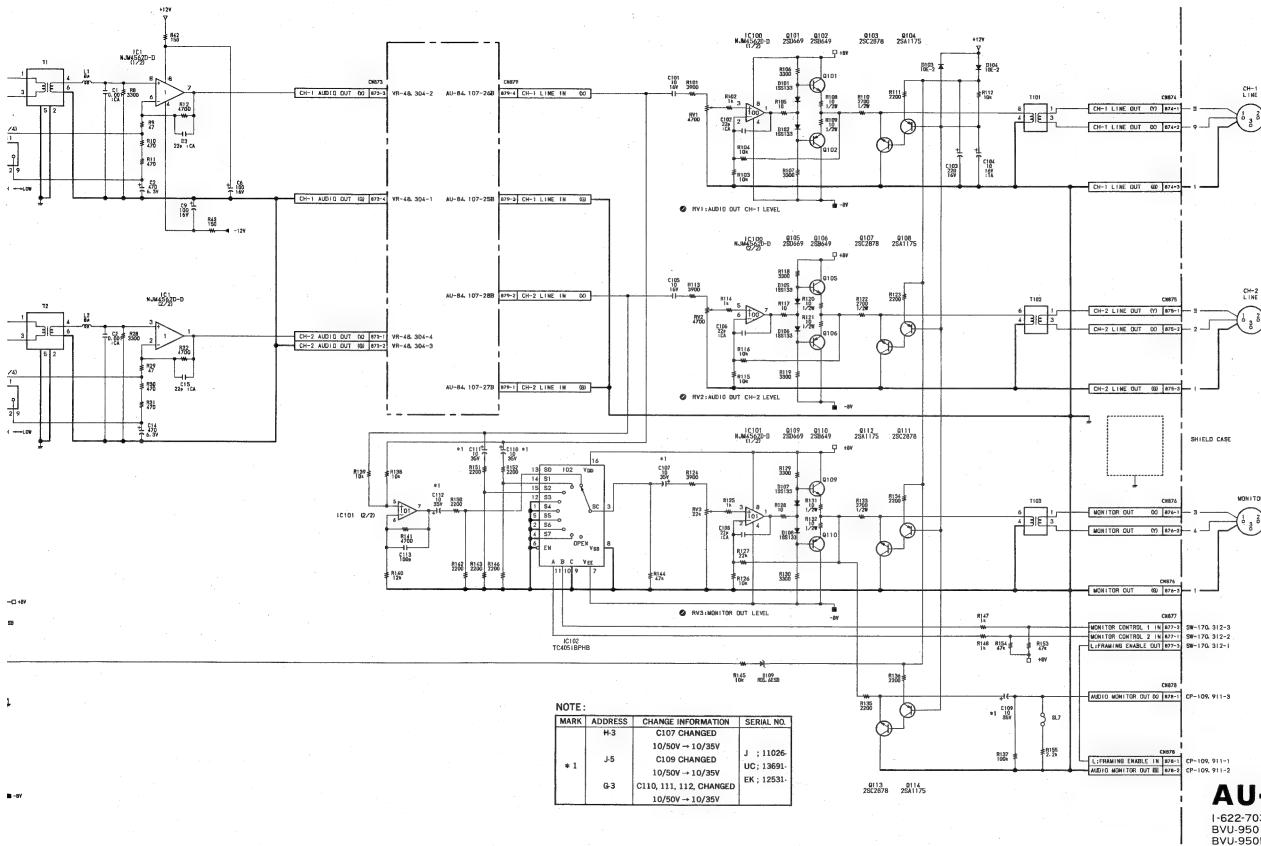


AU-87
 1-622-703-11(2)
 BVU-950
 BVU-950P

S/N 10981 AND HIGHER(EK)



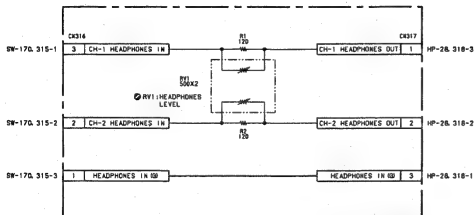
16-85 (b)



HP-28,VR-49

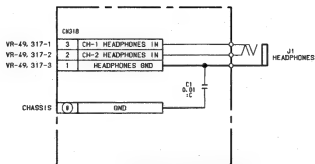
HP-28; HEADPHONES

VR-49; HEADPHONES LEVEL CONTROL



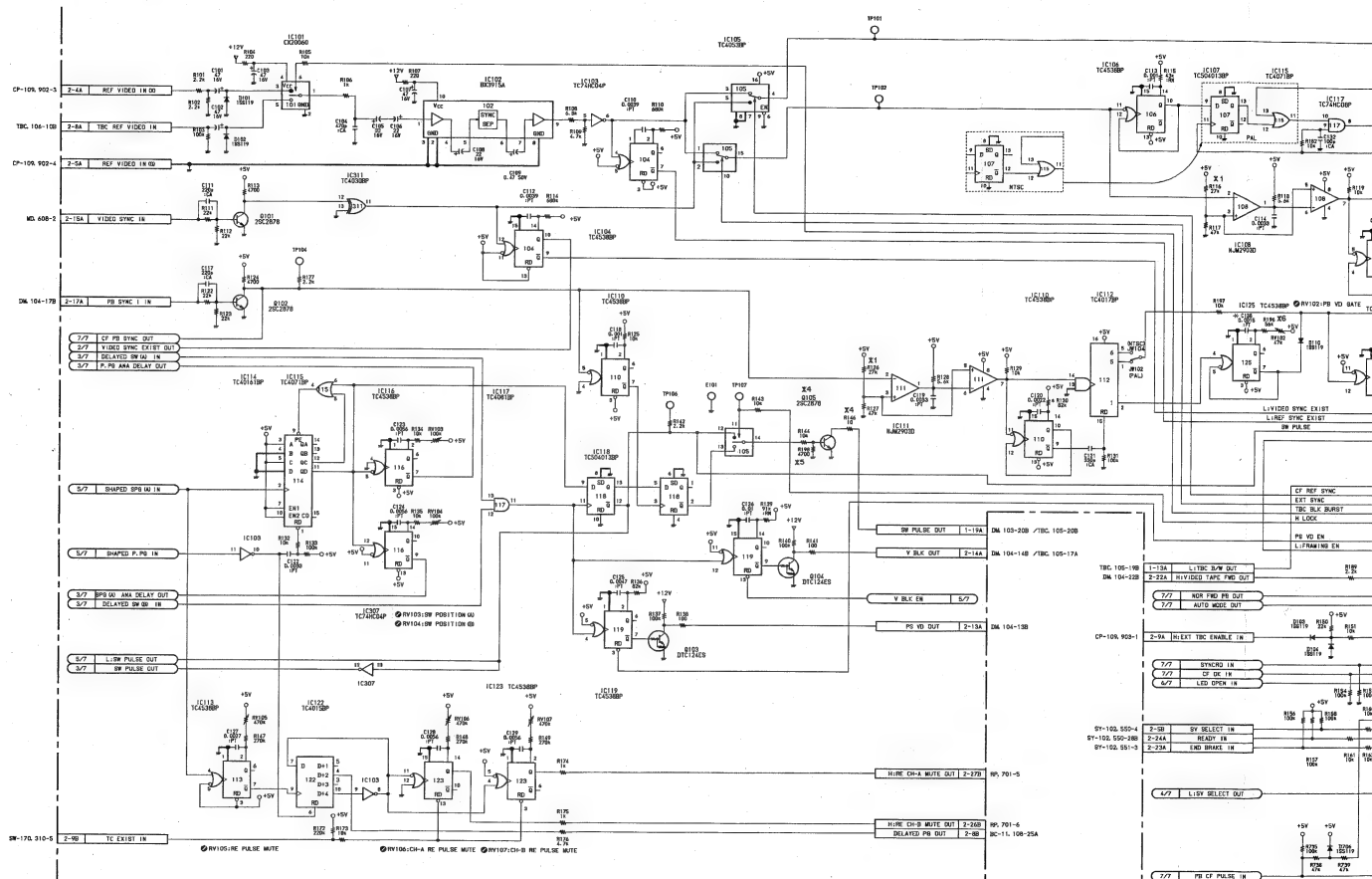
VR-49

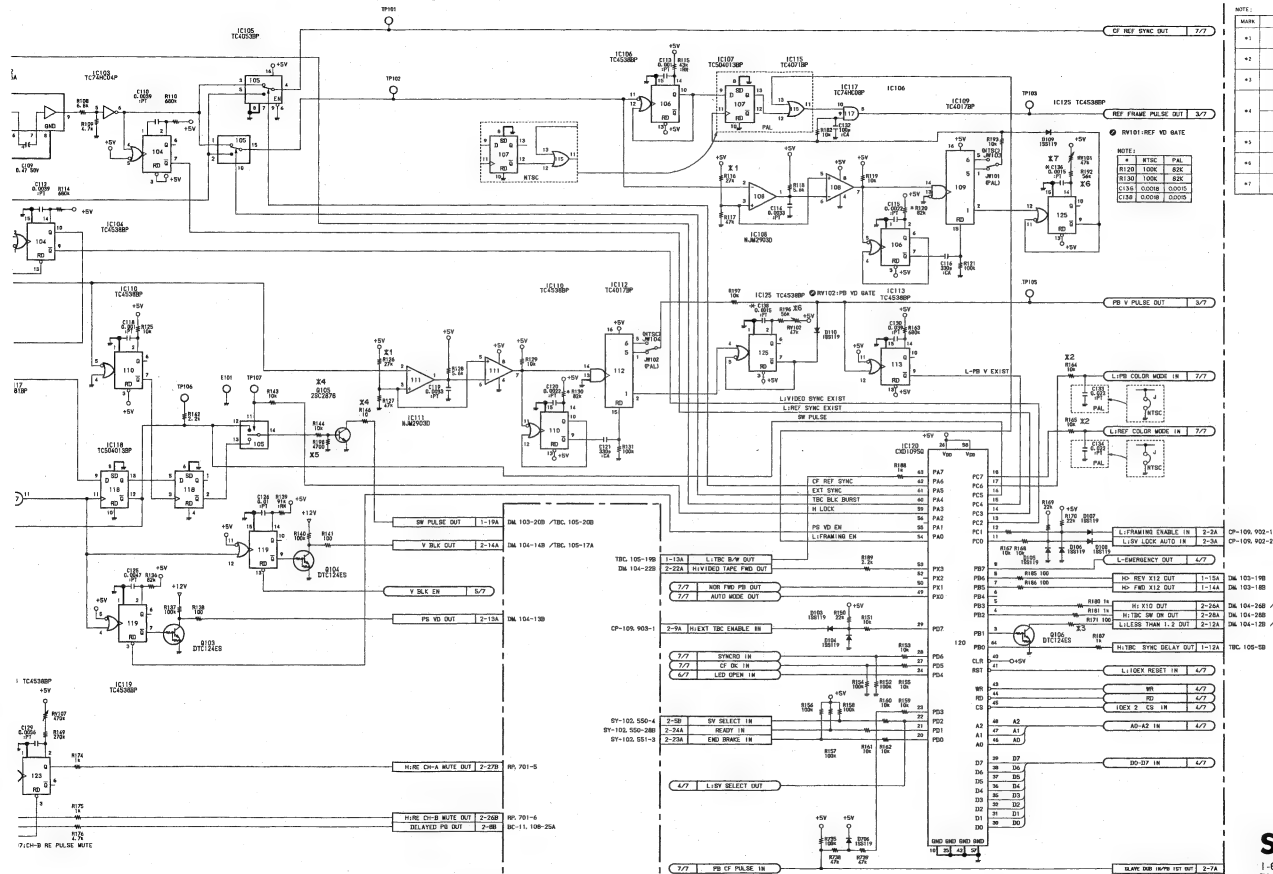
I-622-731-11(1)
BVU-950
BVU-950P



HP-28

I-622-730-11(2)
BVU-950
BVU-950P





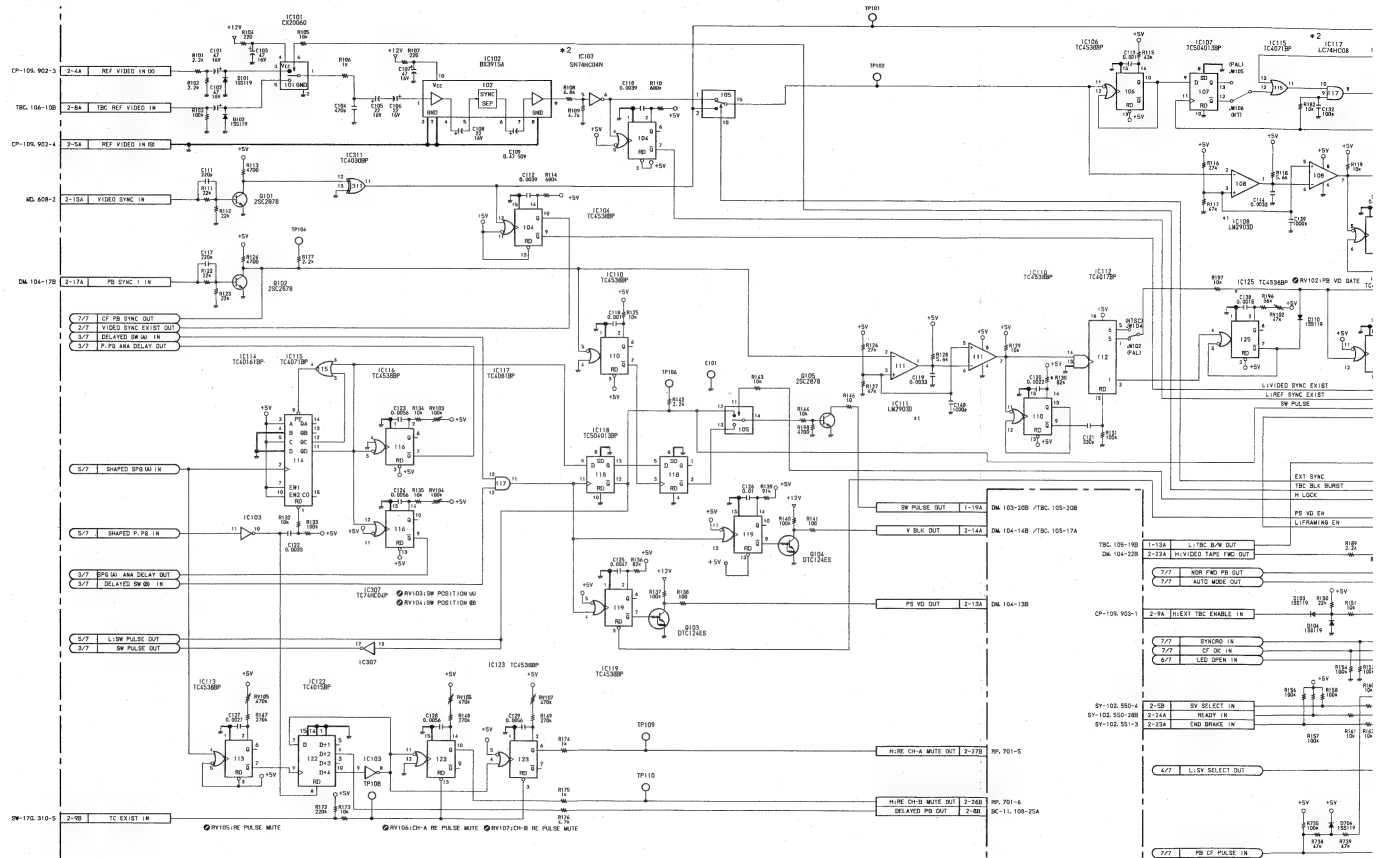
MARK	CHANGE INFORMATION	SERIAL NO.
A1	RIJL IS ADDED	
A2	RIJL IS ADDED	
A3	RIJL CHANGED 1K-10K	1-1000-1
A4	RIJL CHANGED 10K-100K	10-1000-1
A5	RIJL CHANGED 100K-1M	100-1000-1
A6	RIJL CHANGED 1M-10M	1000-1000-1
A7	RIJL CHANGED 10M-100M	10000-1000-1

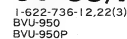
SV-88/A(1/7)

1-622-736-1(3)
BVU-950
BVU-950P

SV-88A(1/7): SYNC SEPARATOR

S/N 10981 TO 13730 (EK)









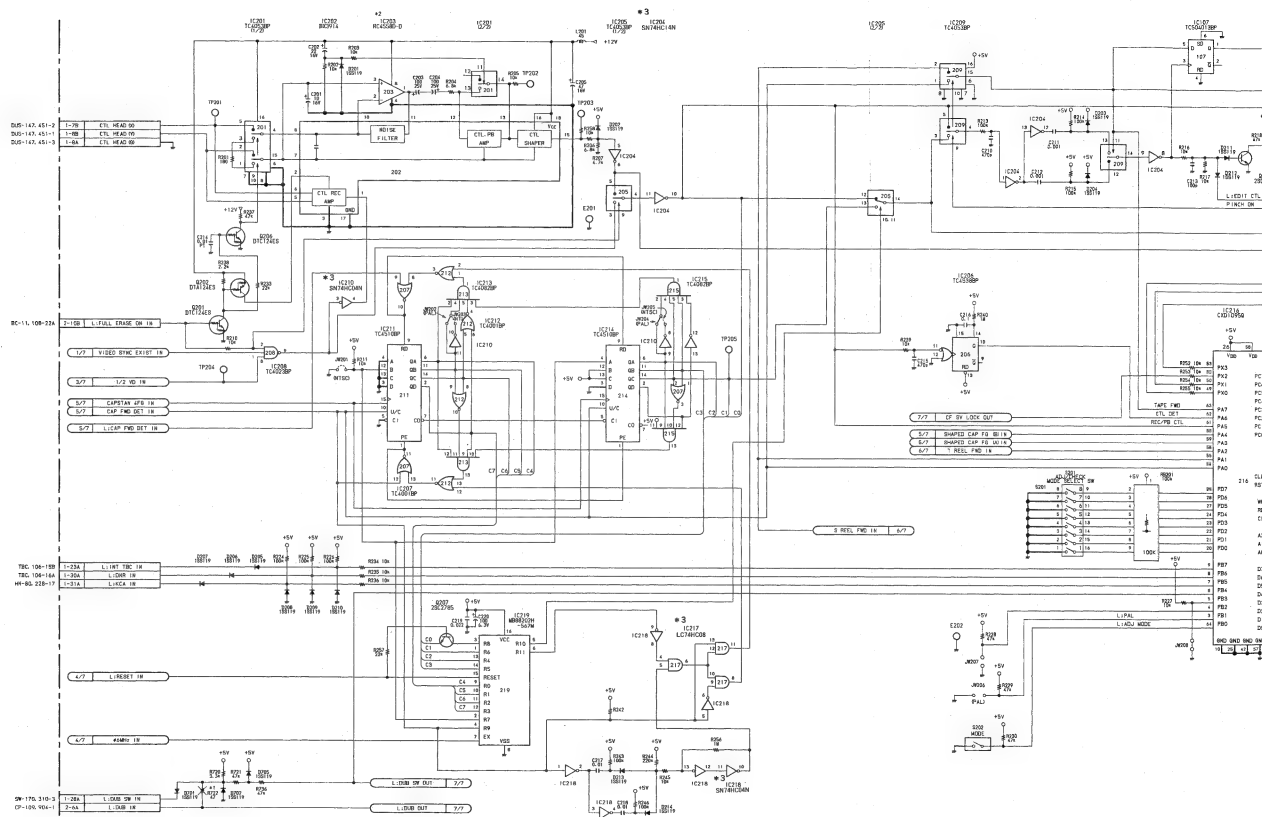


SV-88A(2/7)



16-100(a)

SV-88A(2/7); CTL REC/PB AMPLIFIER S/N 10981 TO 13730 (EK)



X : NOT MOUNTED

16-98 (b)

16-99 (b)

A

8

C

D

E

F

©

1



16-100 (b)

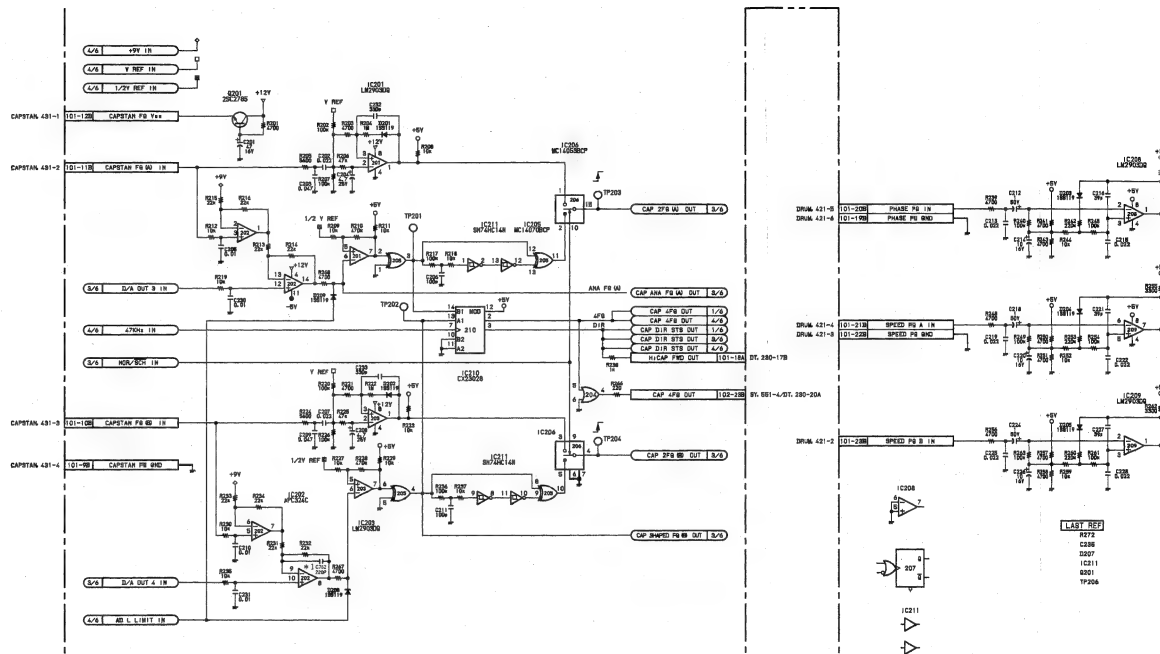
MARK	CHANGE INFORMATION	SERIAL NO.
* 1	R722 DELETED	J : 10486 UC: 13191;
	IC203 CHANGED NJM458BD-D	J : 11026 UC: 14241; EK: 13681;
	RC4558D-D	BR: 10076
	IC204 CHANGED T74HC14P	
	SN74HC14N	
* 3	IC210, 218 CHANGED T74HC04P	J : 11326 UC: 15024; EK: 13731;
	SN74HC04N	BR: 10076
	IC217 CHANGED T74HC08B	
	IC74HC08	

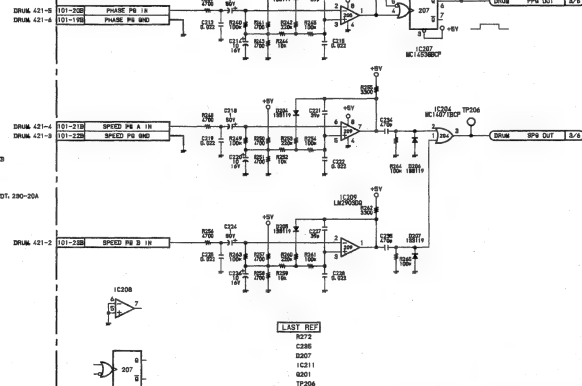
SV-88/A(2/7)
I-622-736-12,22(4)
BVU-950
BVU-950P

SV-113C(2/6); DRUM/CAPSTAN PG/FG S/N 13731 AND HIGHER (EK)

NOTE:

MARK	ADDRESS	CHANGE INFORMATION	SERIAL NO.
* 1	D-4	C762 ADDED 220P	EK: 14191



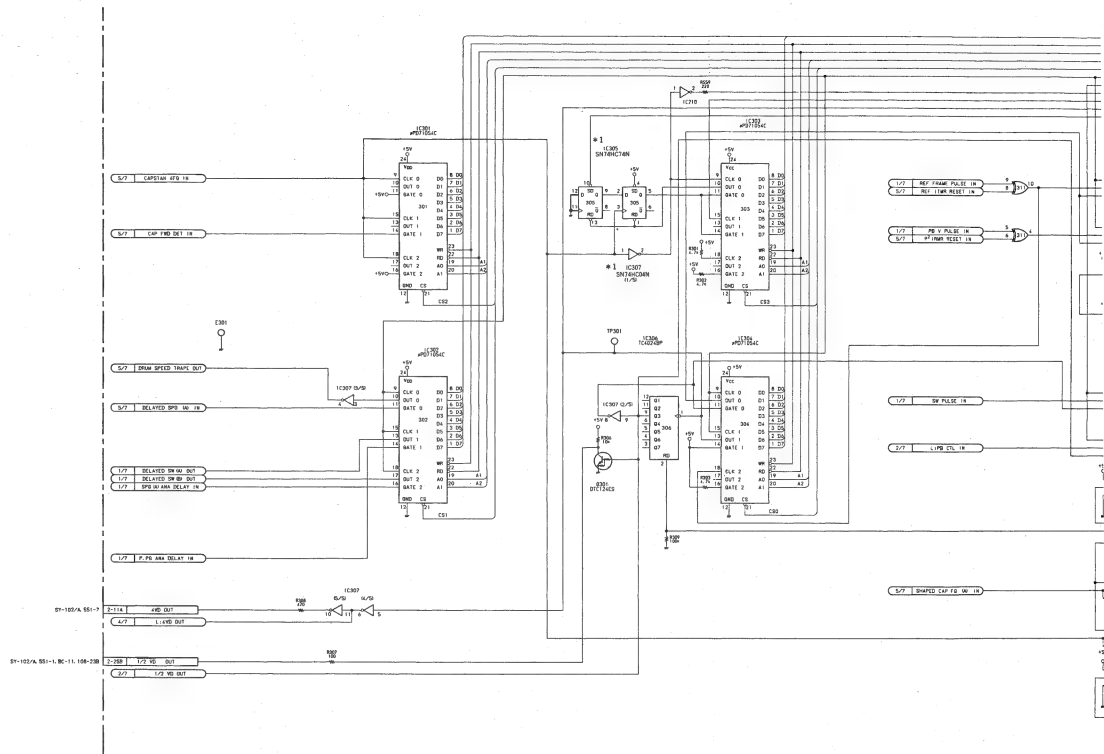


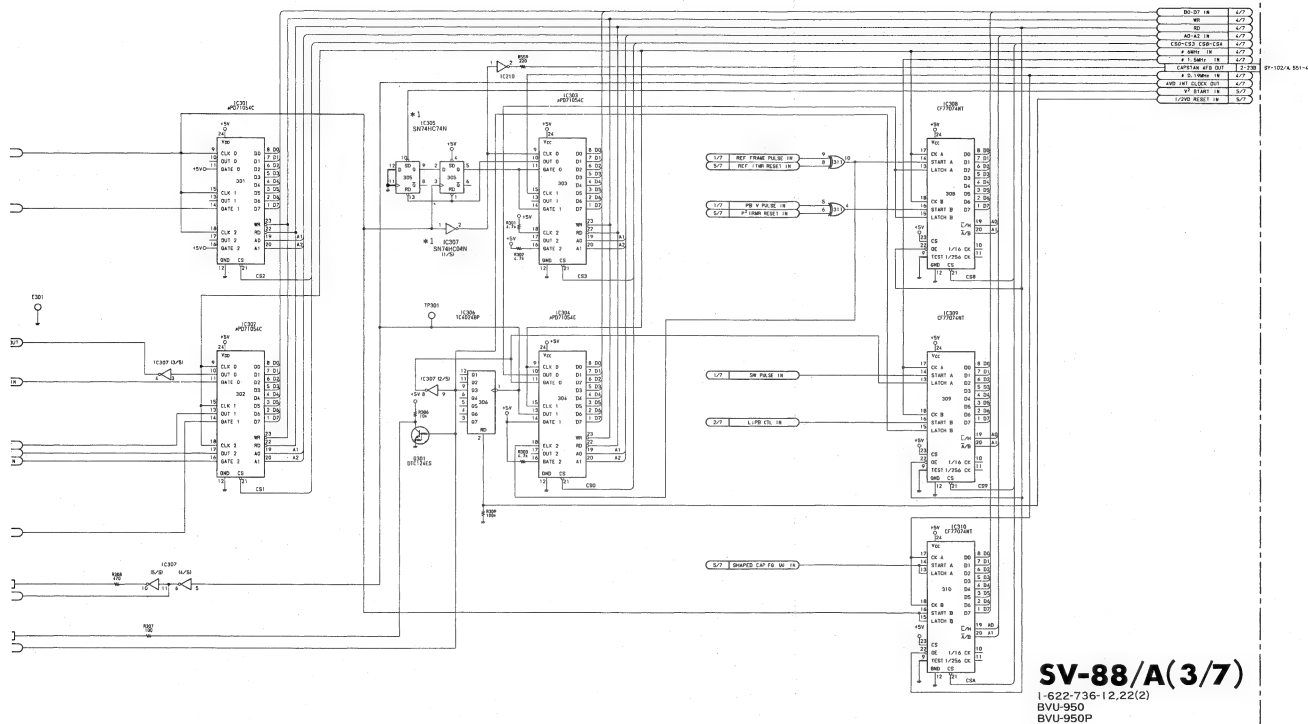
1-629-414-42(2)
BVU-950P

S/N UP TO 10980(EK)



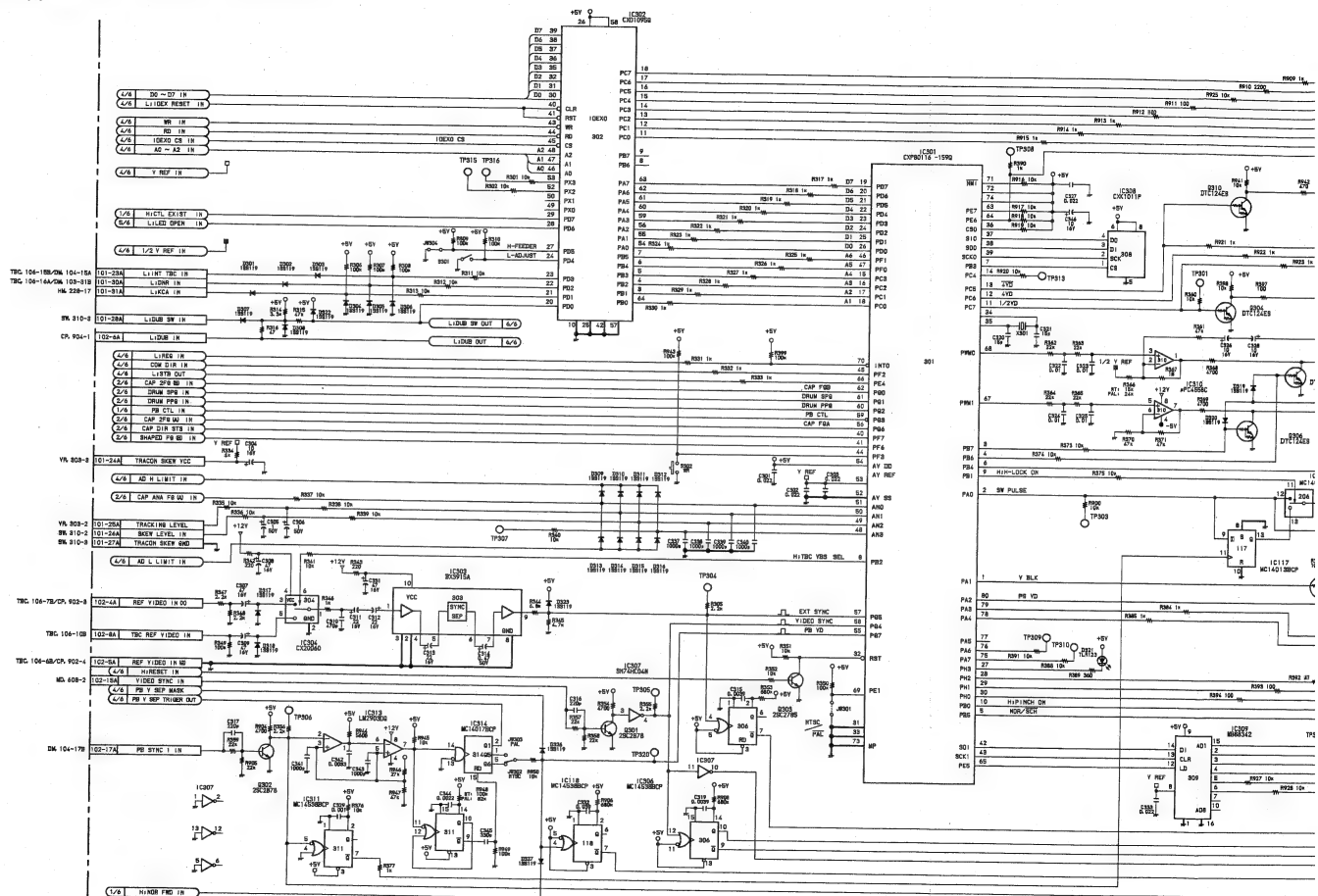
MARK	CHANGE INFORMATION	SERIAL NO.
* 1	IC305 CHANGED	
	TC74HC74P	
	↓	J : 11326
	SN74HC74N	UC : 15291
	IC307 CHANGED	EK : 13731
	TC74HC04P	BR : 10076
	↓	
	SN74HC04N	





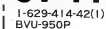
SV-113C(3/6); DRUM/CAPSTAN PWM SERVO
SYNC SEPARATOR

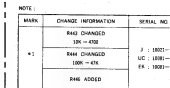
S/N 13731 AND HIGHER (EK)



16-104 (c)

16-105 (c)





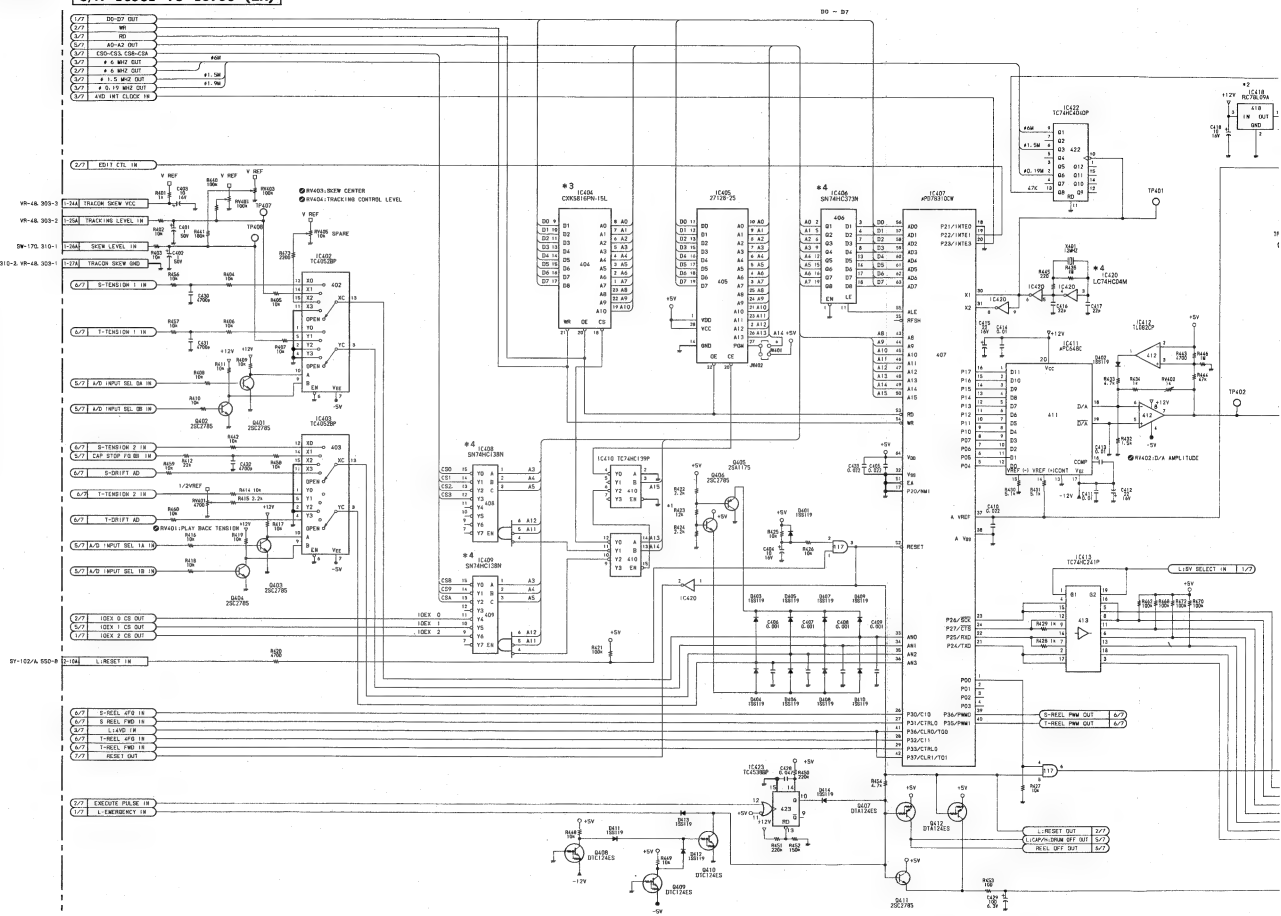
1-622-736-11(3)
BVU-950
BVU-950P

SV-88A(4/7): DRUM/CAPSTAN DATA CONTROL

S/N 10981 TO 13730 (EK)

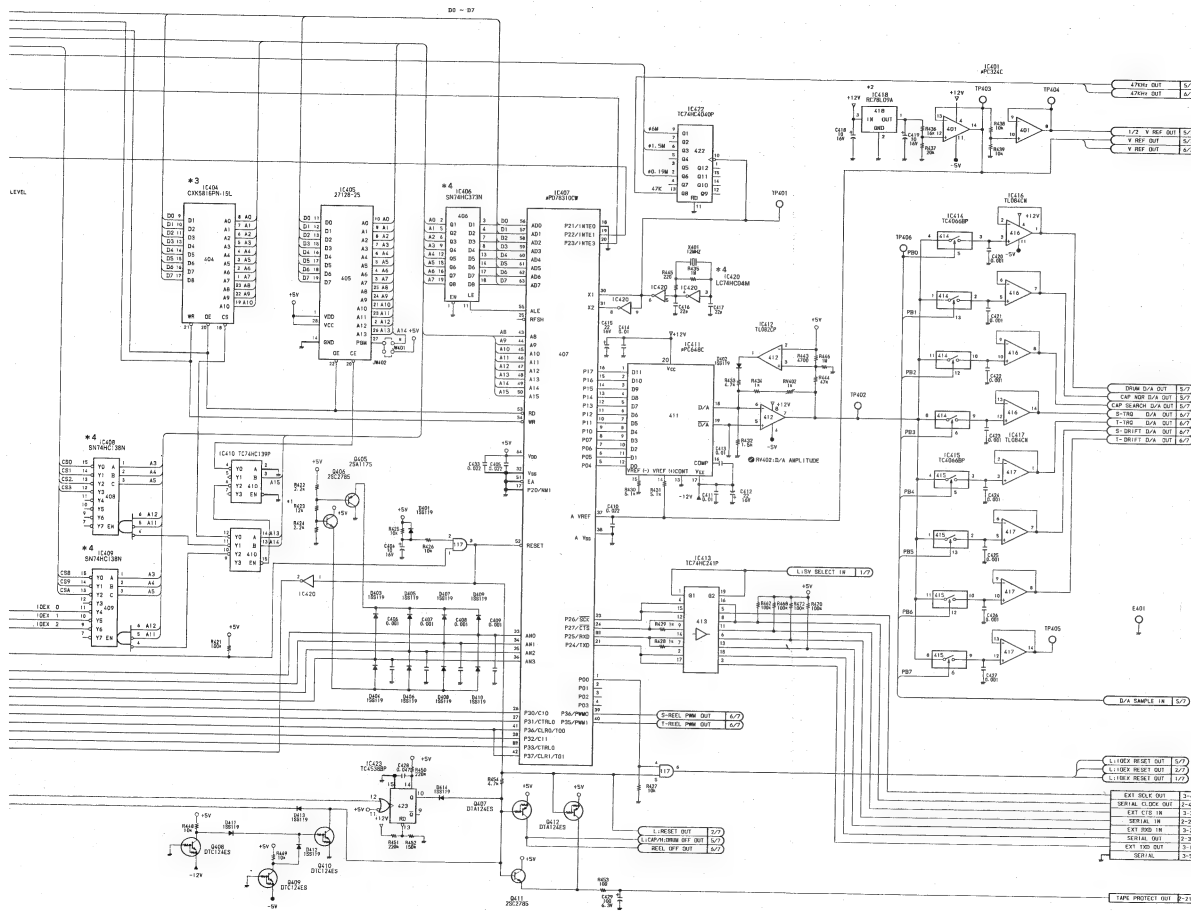
NOTE:

MARK	CHANGE INFORMATION	SERIAL NO.
* 1	R423 CHANGED 22K → 12K	J : 10261; UC : 12591; EK : 11881
	IC418 CHANGED NJM78L09A	J : 11056; UC : 14241; EK : 13681
* 2	IC78L05A	BR : 10076
	IC404 CHANGED CXK5816PN-15L	J : 11276; UC : 15091; EK : 13731; BR : 10076
* 3	IC406 CHANGED TC74HC373P	J : 11326; UC : 15291; EK : 13731; BR : 10076
	IC408, 409 CHANGED TC74HC158P	J : 11326; UC : 15291; EK : 13731; BR : 10076
* 4	IC404 CHANGED TC74HC04M	J : 11326; UC : 15291; EK : 13731; BR : 10076
	IC406 CHANGED TC74HC04M	J : 11326; UC : 15291; EK : 13731; BR : 10076



16-110 (b)

16-111 (b)



SV-88A(4/7)

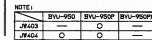
I-622-736-12.22(4)

BVU-950

BVU-950P

16-112 (b)

* NOT MOUNTED NOTE
 1/2W = 2.5 OHM 1/10W
 1/2W = 2.5 OHM 1/10W

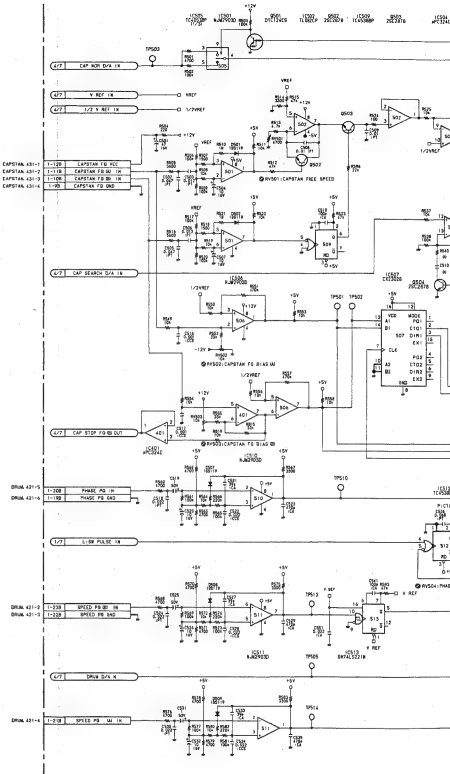


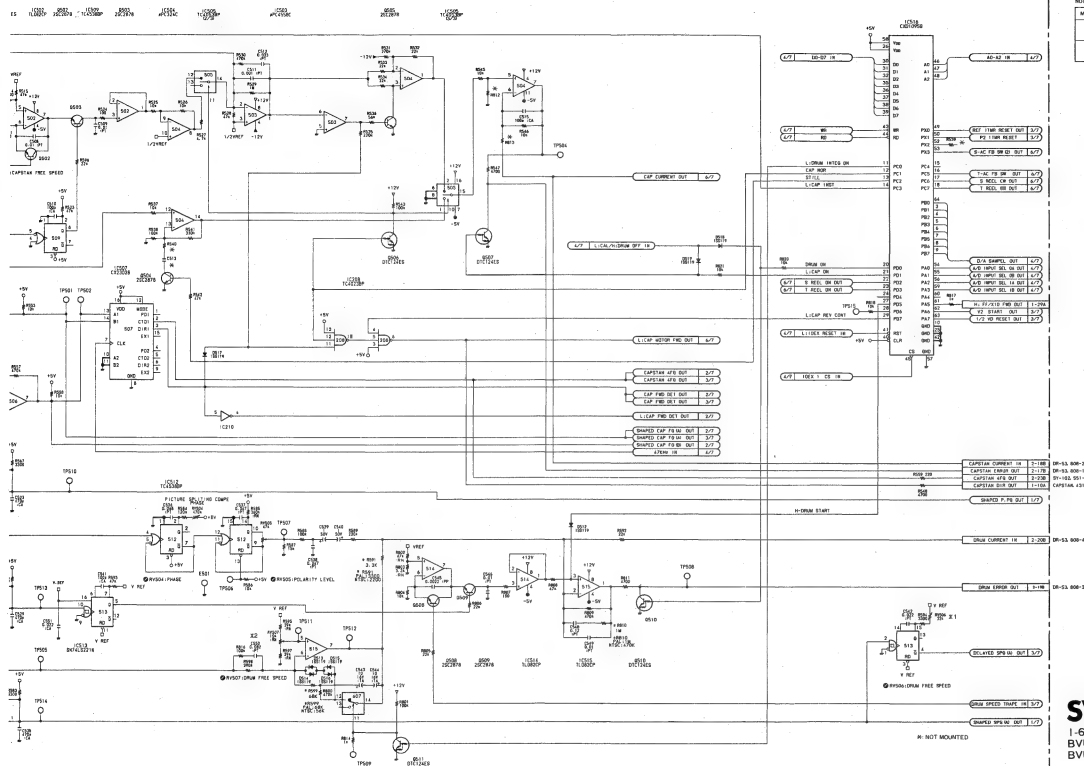
SY. 55C-3/BC. 108-325

SV. 551-6

SV-113C(4/6)

1-629-414-42(1)
BVU-950P





NOTE:

MARK	CHANGE INFORMATION	SERIAL NO.
#1	TYPE CHANGED 100-100	J 1 (REV.) K 1 (REV.) L 1 (REV.)
#2	TYPE CHANGED 100-100	K 1 (REV.) L 1 (REV.)

100-100-1

100-100-2

100-100-3

100-100-4

100-100-5

100-100-6

100-100-7

100-100-8

100-100-9

100-100-10

100-100-11

100-100-12

100-100-13

100-100-14

100-100-15

100-100-16

100-100-17

100-100-18

100-100-19

100-100-20

100-100-21

100-100-22

100-100-23

100-100-24

100-100-25

100-100-26

100-100-27

100-100-28

100-100-29

100-100-30

100-100-31

100-100-32

100-100-33

100-100-34

100-100-35

100-100-36

100-100-37

100-100-38

100-100-39

100-100-40

100-100-41

100-100-42

100-100-43

100-100-44

100-100-45

100-100-46

100-100-47

100-100-48

100-100-49

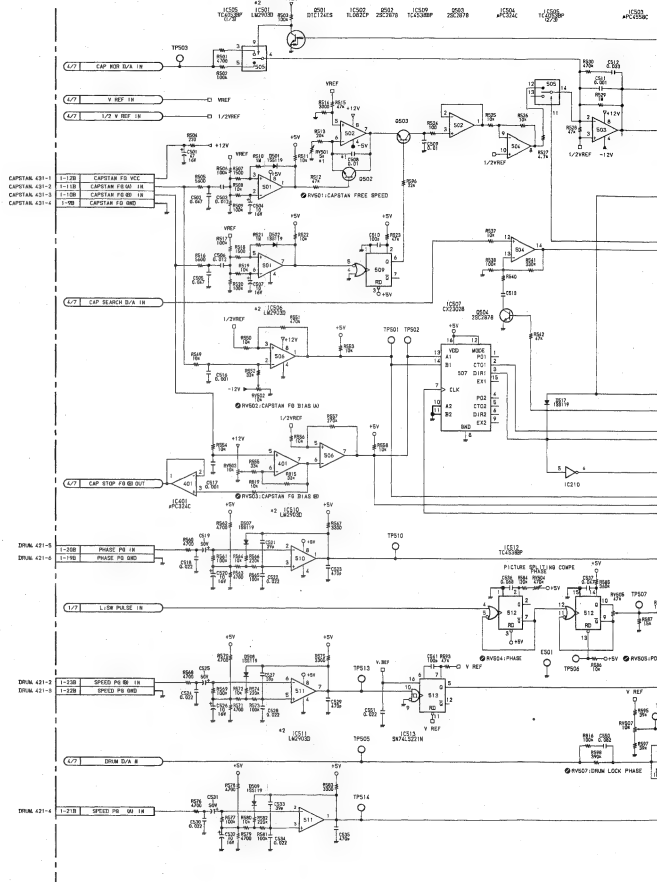
100-100-50

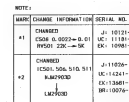
SV-88/A(5/7)

1-622-736-11(3)

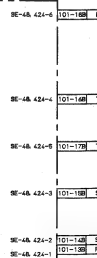
BVU-550

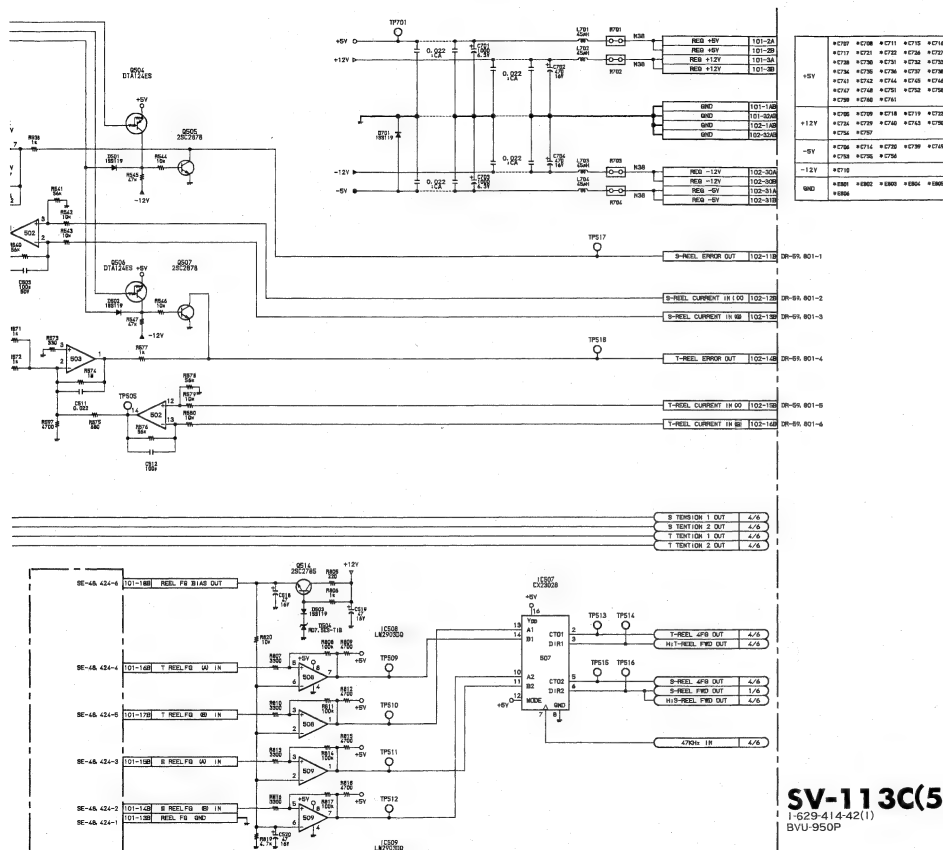
BVU-550P





1-622-736-12, 22(3)
BVU-950
BVU-950P



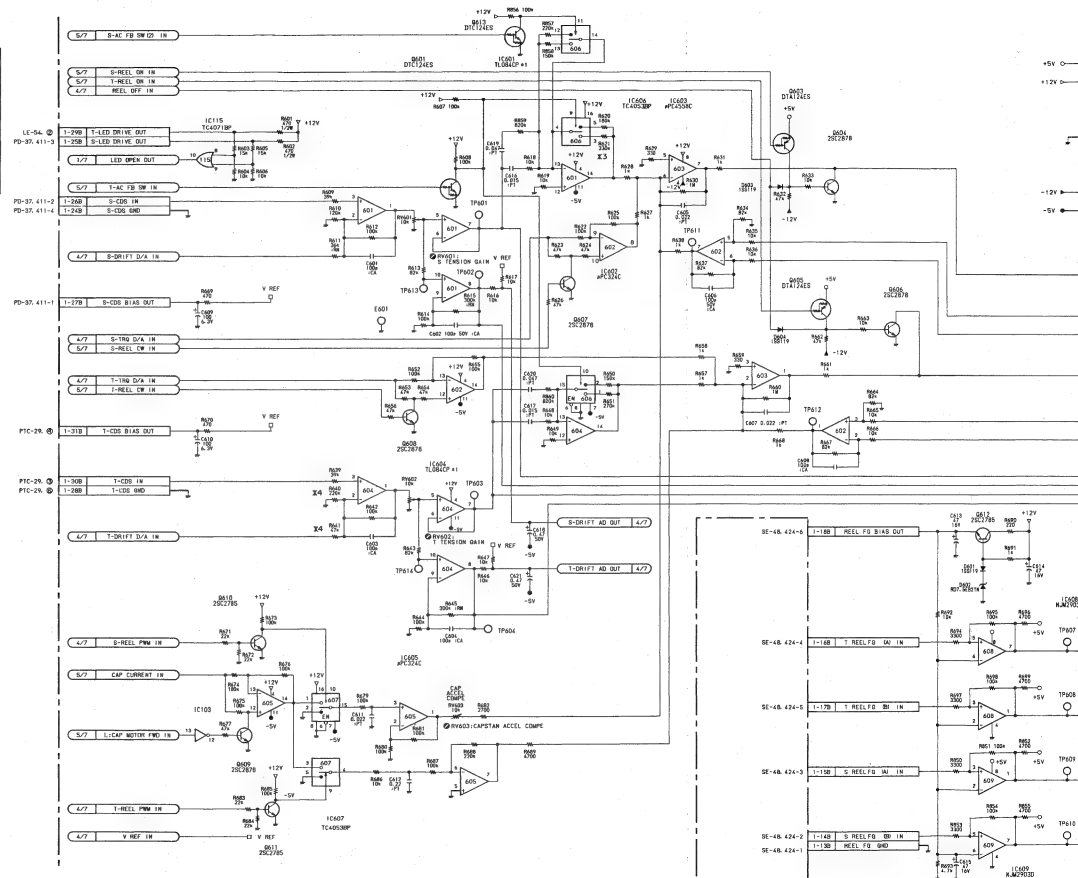


SV-113C(5/6)

1-629-414-42(1)
BVU-950P

SV-88A(6/7); REEL SERVO S/N UP TO 10980(EK)

NOTE:		
MARK	CHANGE INFORMATION	SERIAL NO.
#1	ICM1, 604 CHANGED UPC34C → TL8ACD	
#2	G32-B34 DELETED	
#3	8621 CHANGED 1K → 328K	J : 10003- UC : 10080- EK : 10080-
#4	9140 CHANGED 400K → 220K	
	9141 CHANGED 5A → 4N	
#5	R740-743 CHANGED 0.8A → 1.5A	J : 10003- UC : 10080- EK : 10080-

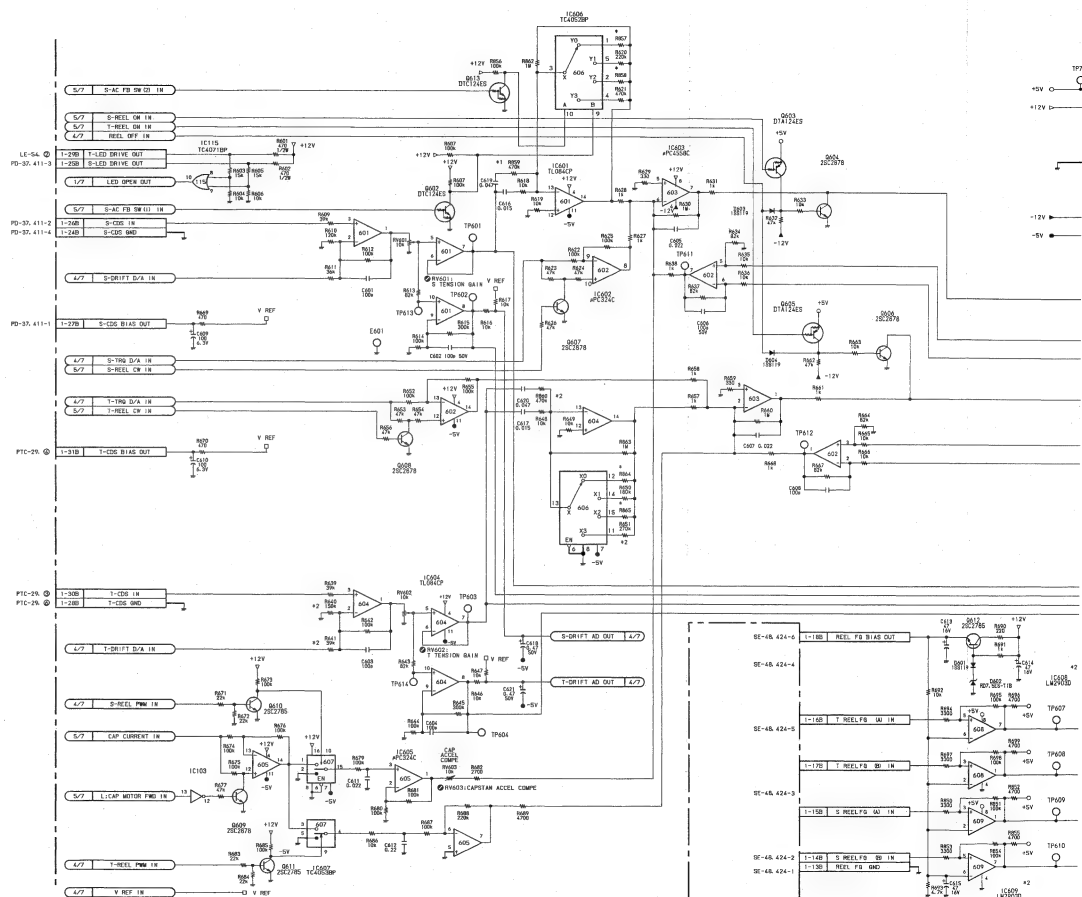


SV-88A(6/7): REEL SERVO

S/N 10981 TO 13730 (EK)

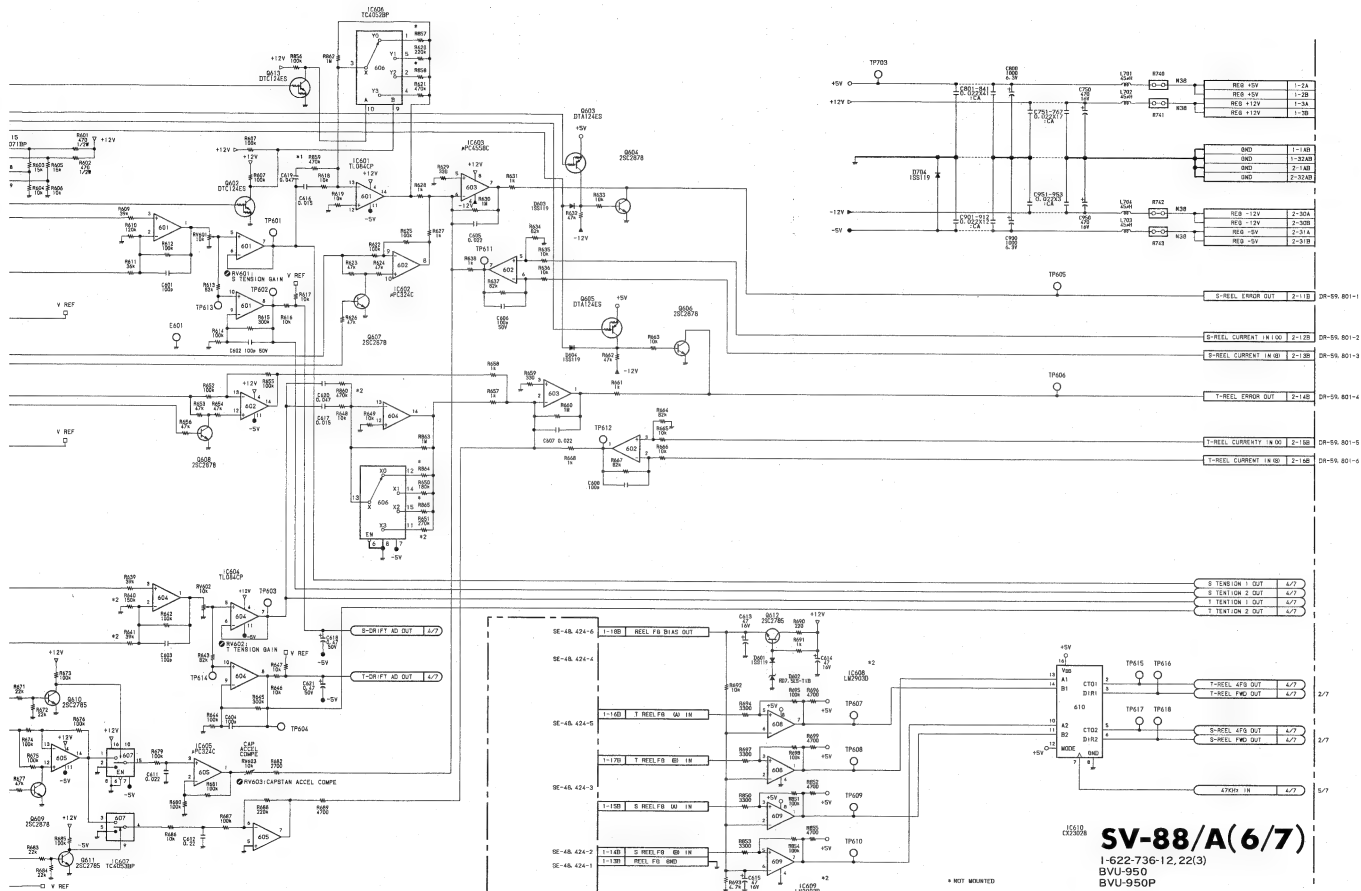
NOTE:

WAVE	CHANGE INFORMATION	SERIAL NO.
#1	REEL CHANGED	J-10581 - UC12591 - EX113681 -
	820K → 470K	
	CHANGED	J-11028- MC14241- EX113681- BR110079- NLM2030 LW2030
#2	RA40: 220K → 150K RA41: 47K → 39K RA53: 390K → 370K RA60: 820K → 470K 1C606: 60P	

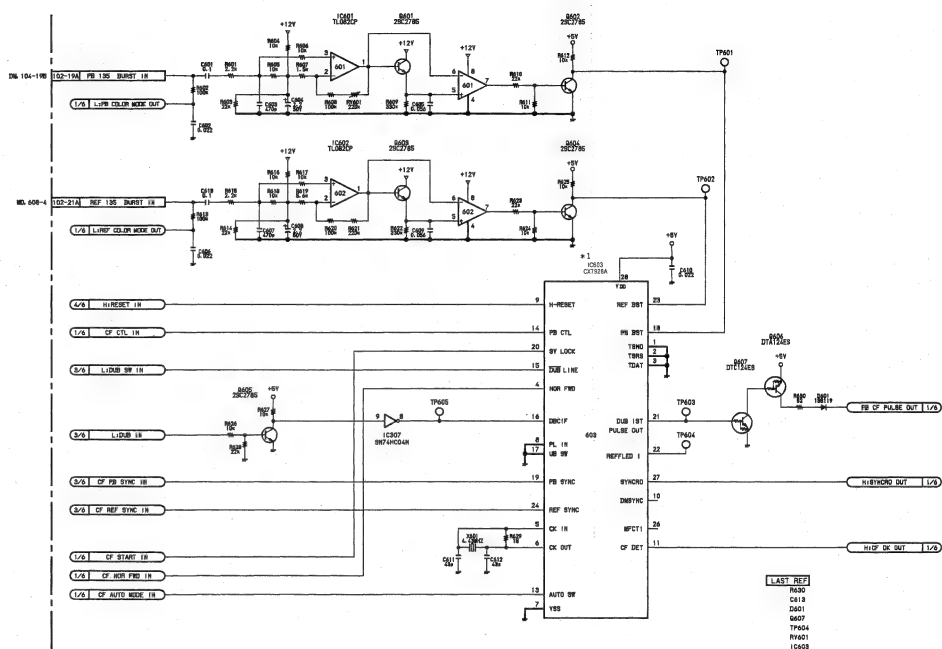


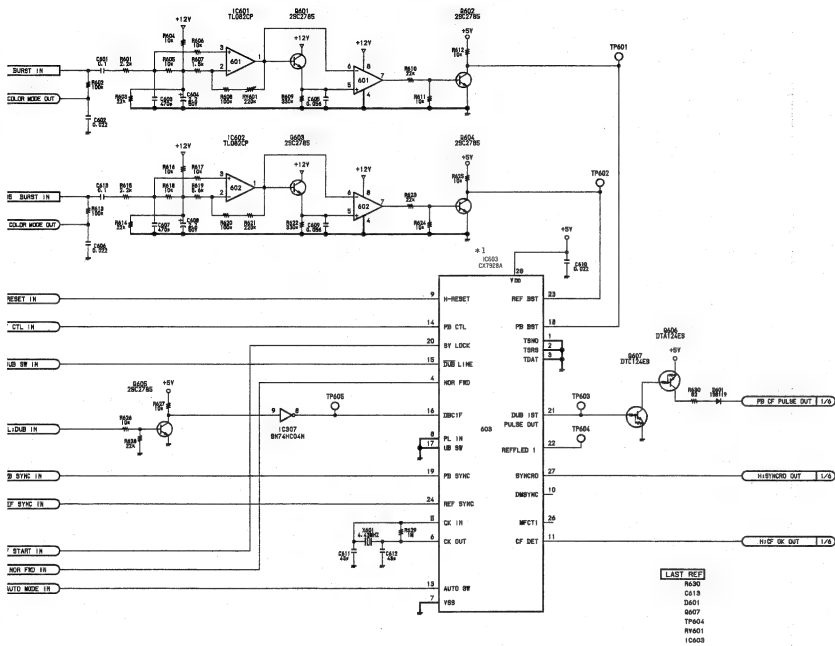
16-124 (b)

16-125 (b)



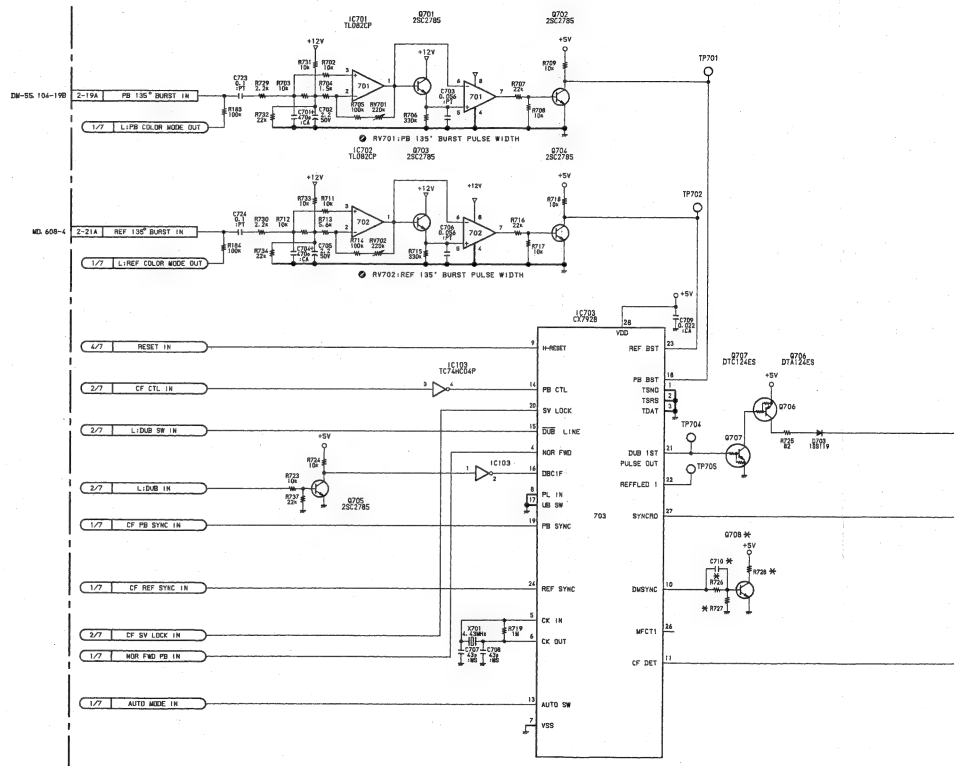
MARK	ADDRESS	CHANGE INFORMATION	SERIAL NO.
* 1	G-3	IC603 CHANGED CX7928 → CX7928A	EK; 14646-





SV-113C(6/6)
 1-629-414-42(2)
 BVU-950P

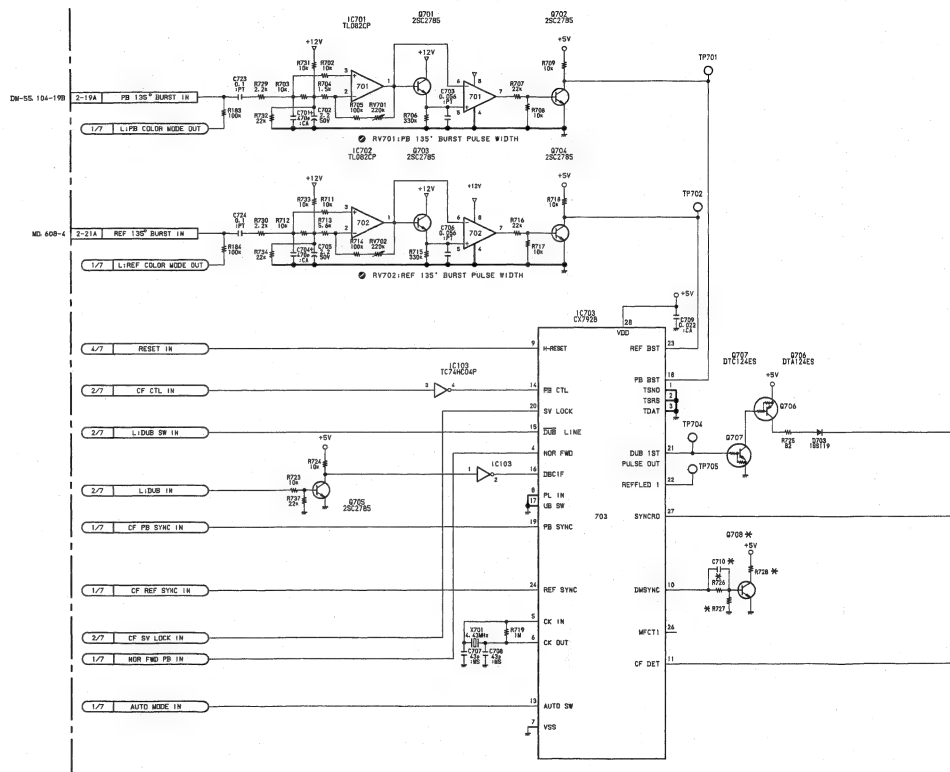
SV-88A(7/7); REC/PB 135° BURST PULSE SHAPE S/N UP TO 10980(EK)

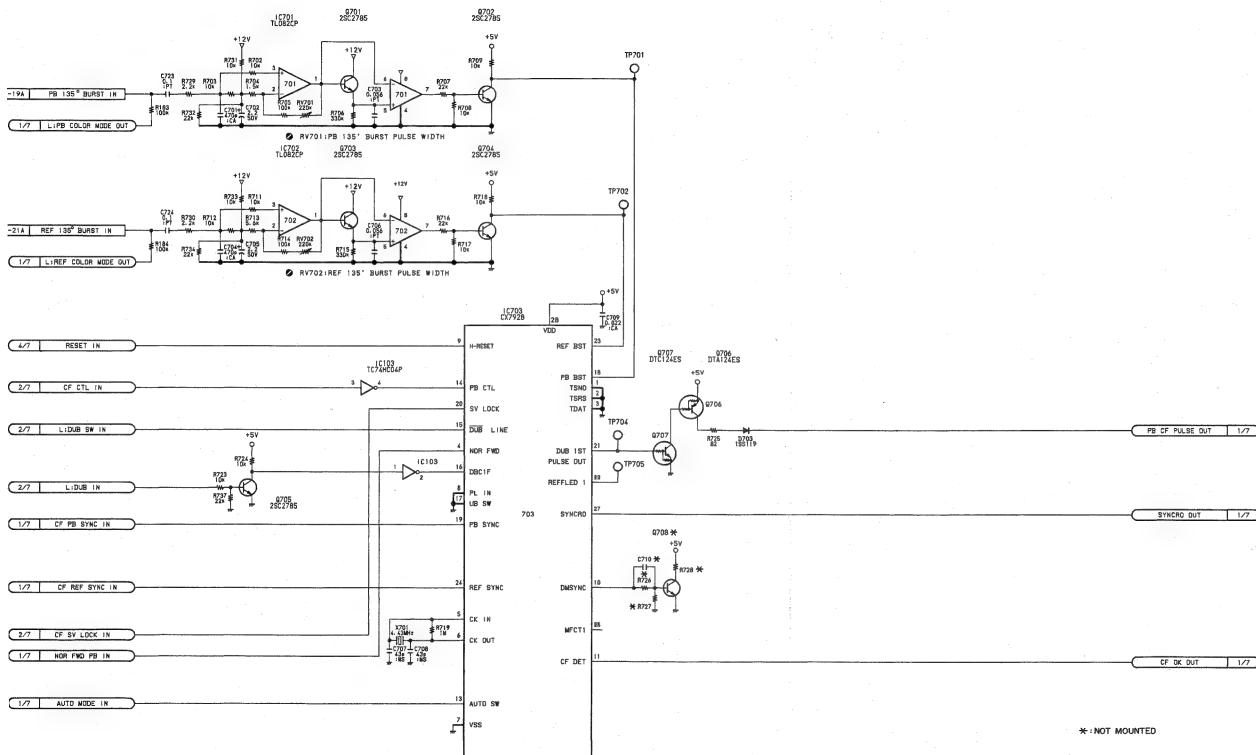




1-622-736-11(1)
BVII-950P

SV-88A(7/7): REC/PB 135° BURST PULSE SHAPE S/N 10981 TO 13730 (EK)

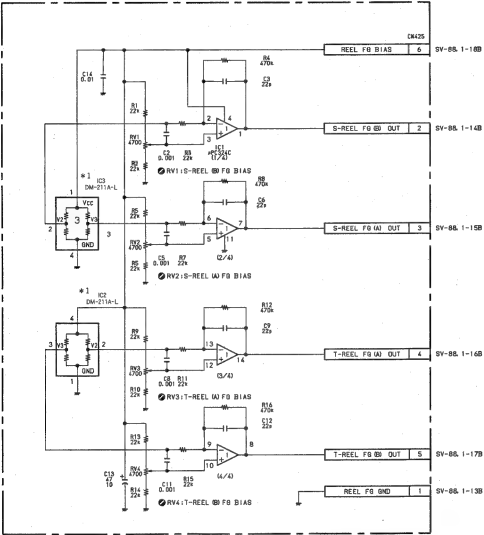




* : NOT MOUNTED

SV-88A(7/7)
 1-622-736-22(1)
 BVU-950P

SE-48; REEL ROTATION DETECTOR



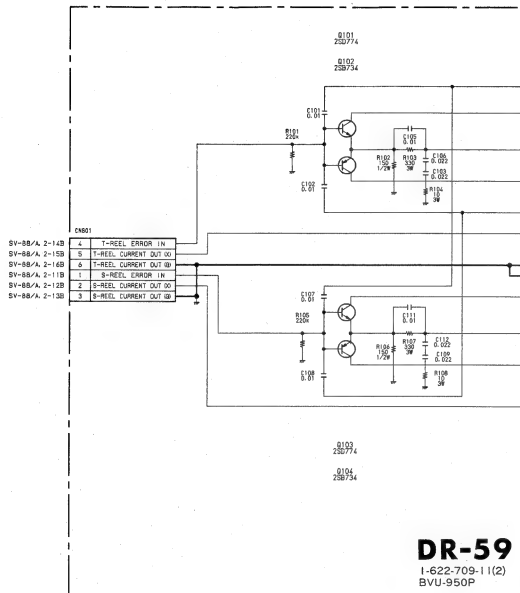
SE-48

1-622-735-11(2)
BVU-950
BVU-950P


NOTE:

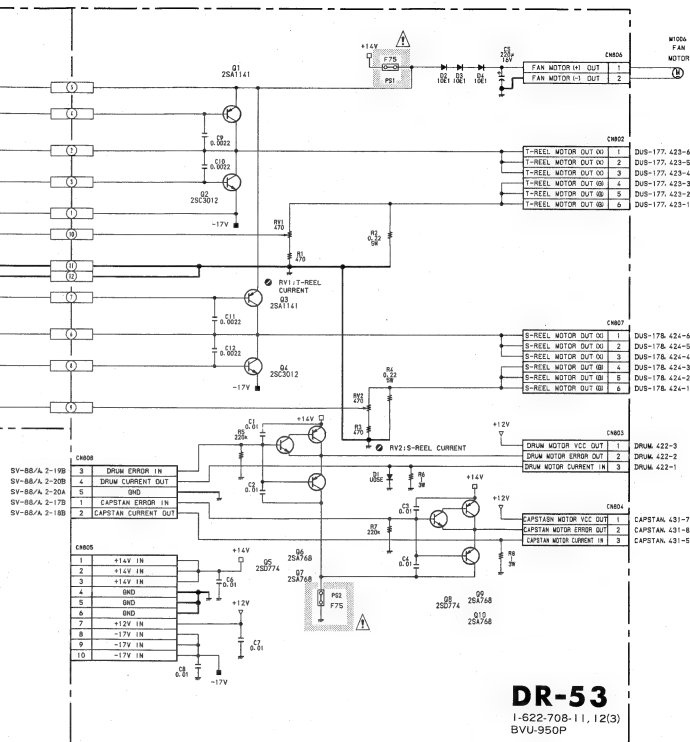
MARK	ADDRESS	CHANGE INFORMATION	SERIAL NO.
* 1	B-3	IC2, 3 CHANGED DM211 → DM-211A-L	J : 11796 UC : 17116 EK : 14421 BR : 10131

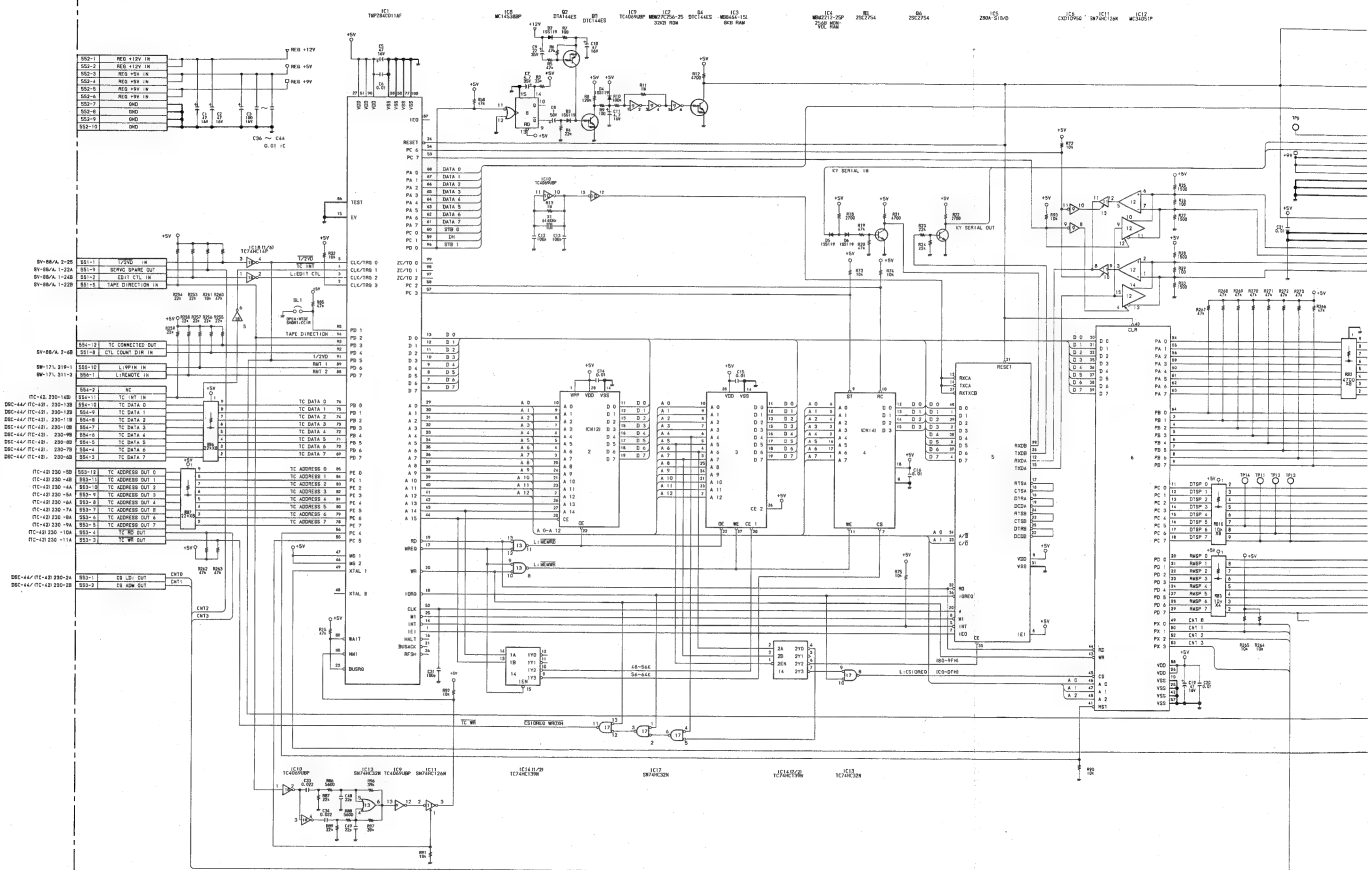
DR-53; REEL/CAPSTAN/DRUM MOTOR DRIVE
DR-59; REEL MOTOR DRIVE



NOTE:

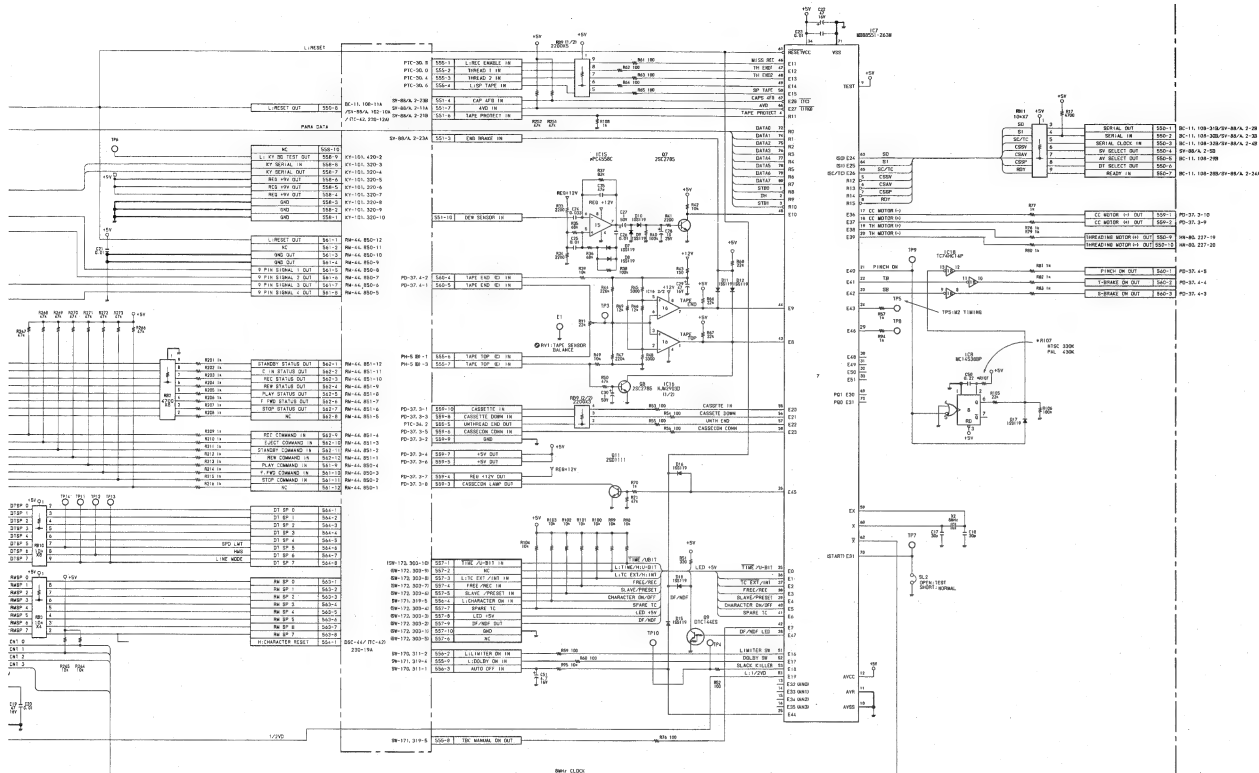
The shaded and -marked components are critical to safety.
Replace only with same components as specified.





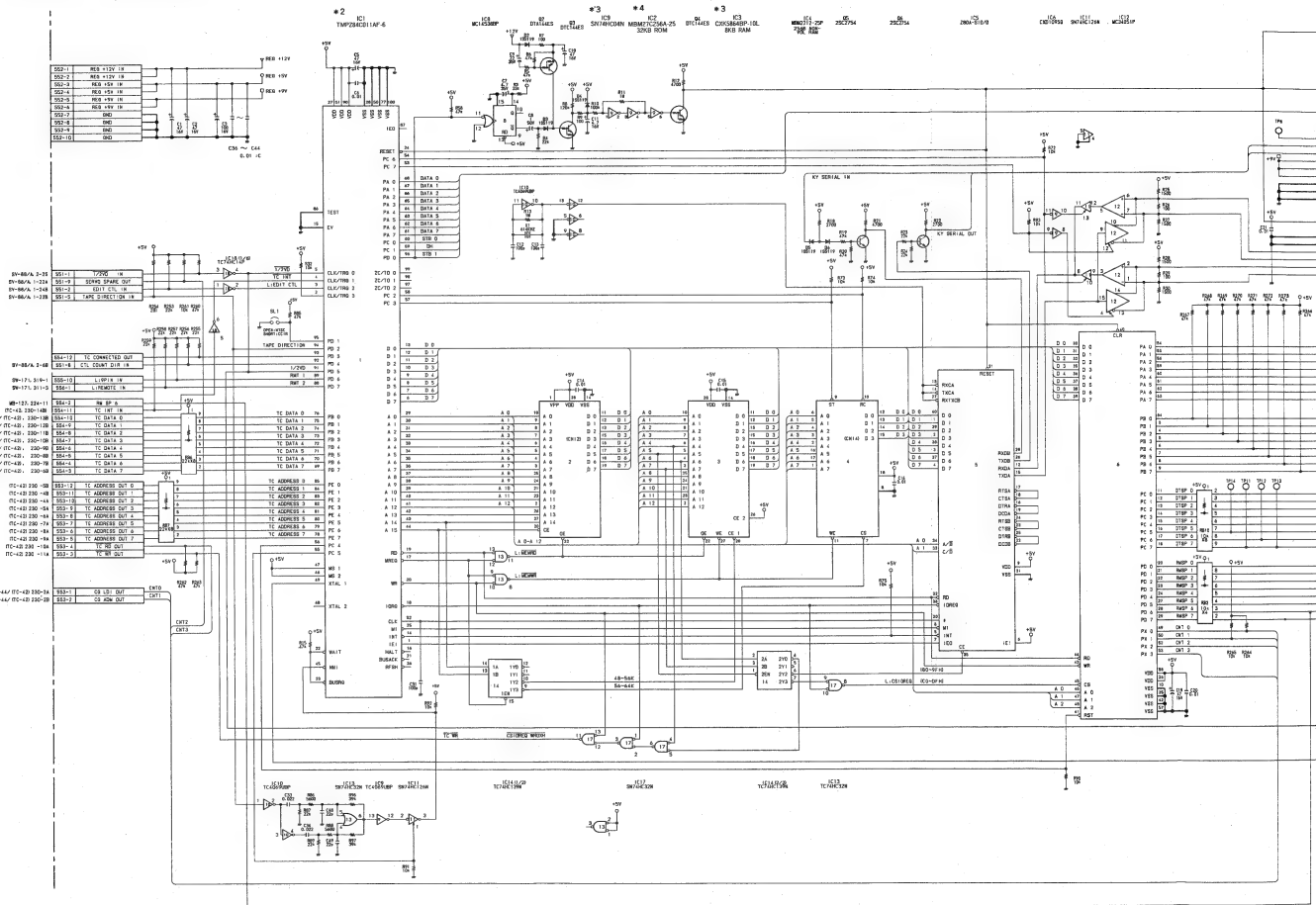
16-143 (a)

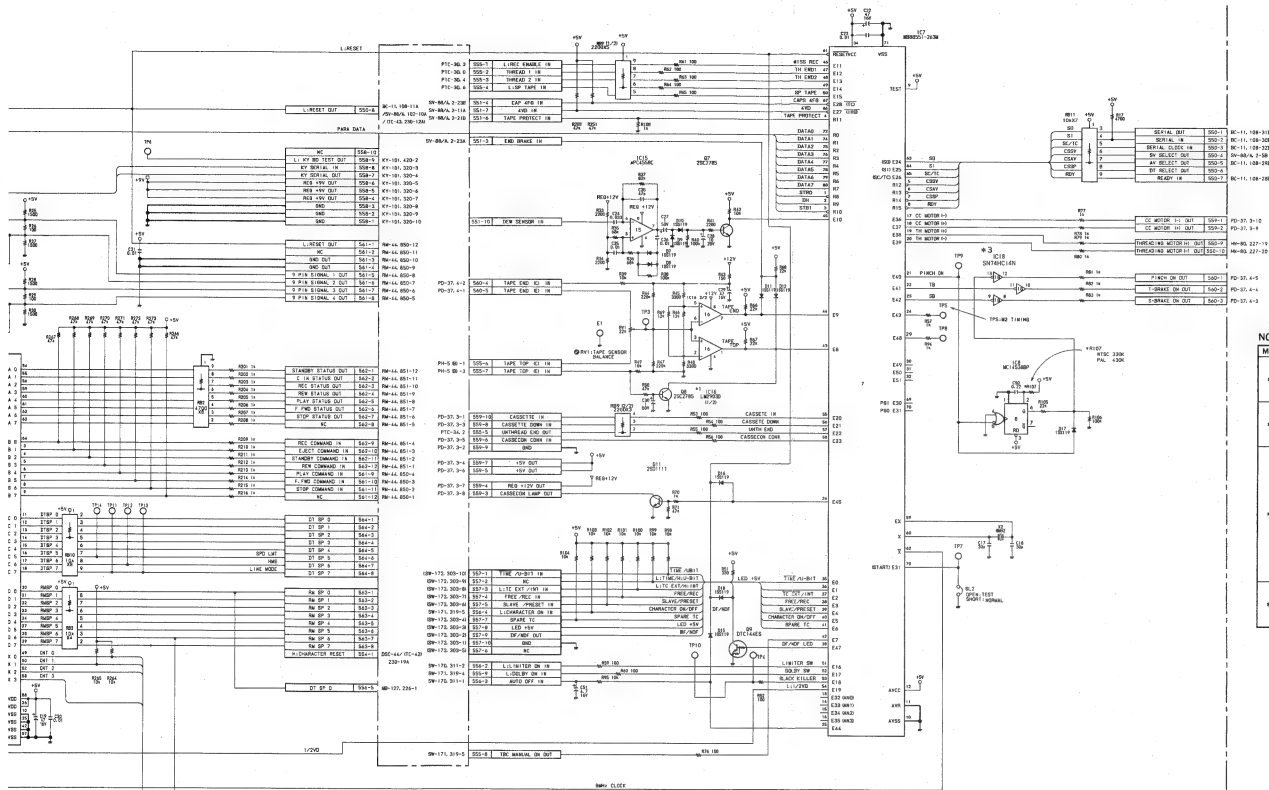
16-144 (a)



SY-102/A

1-622-734-11(2)
BVU-950
BVU-950P





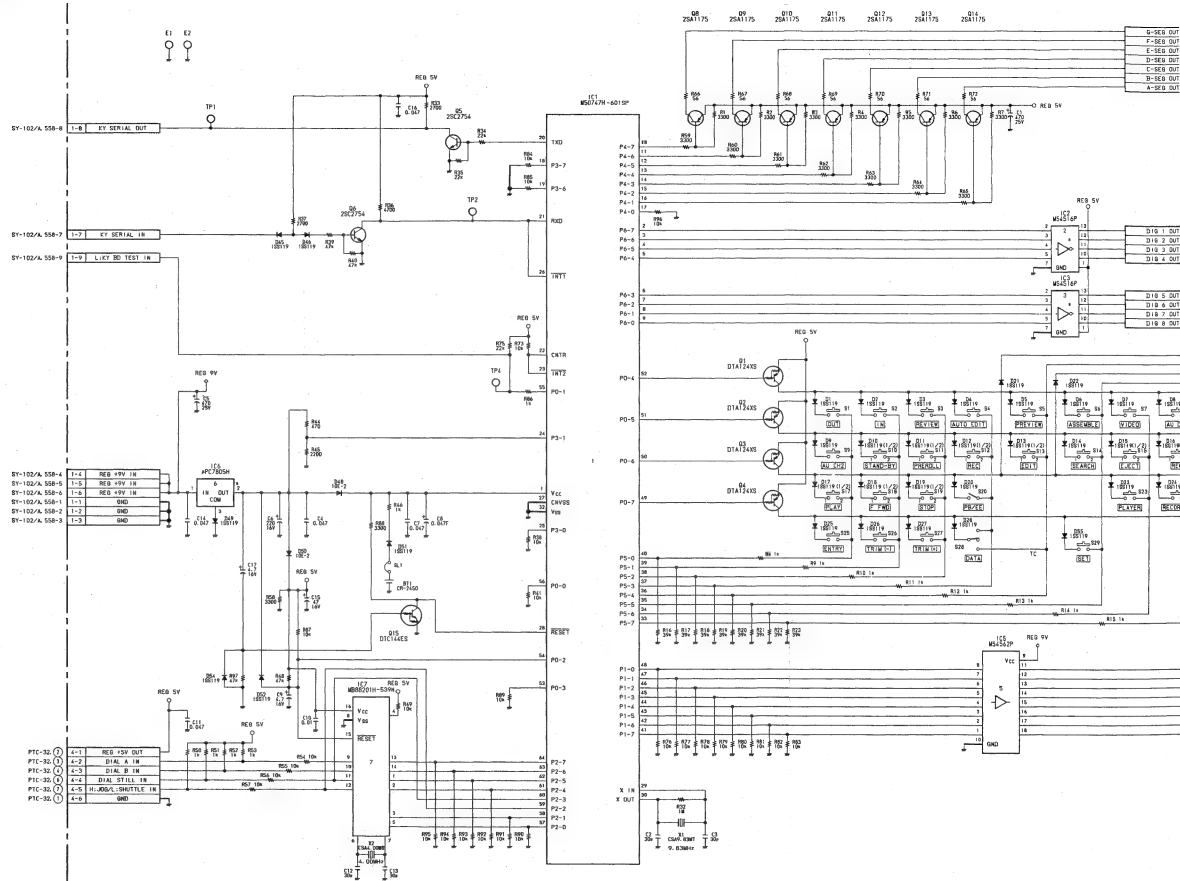
NOTE:

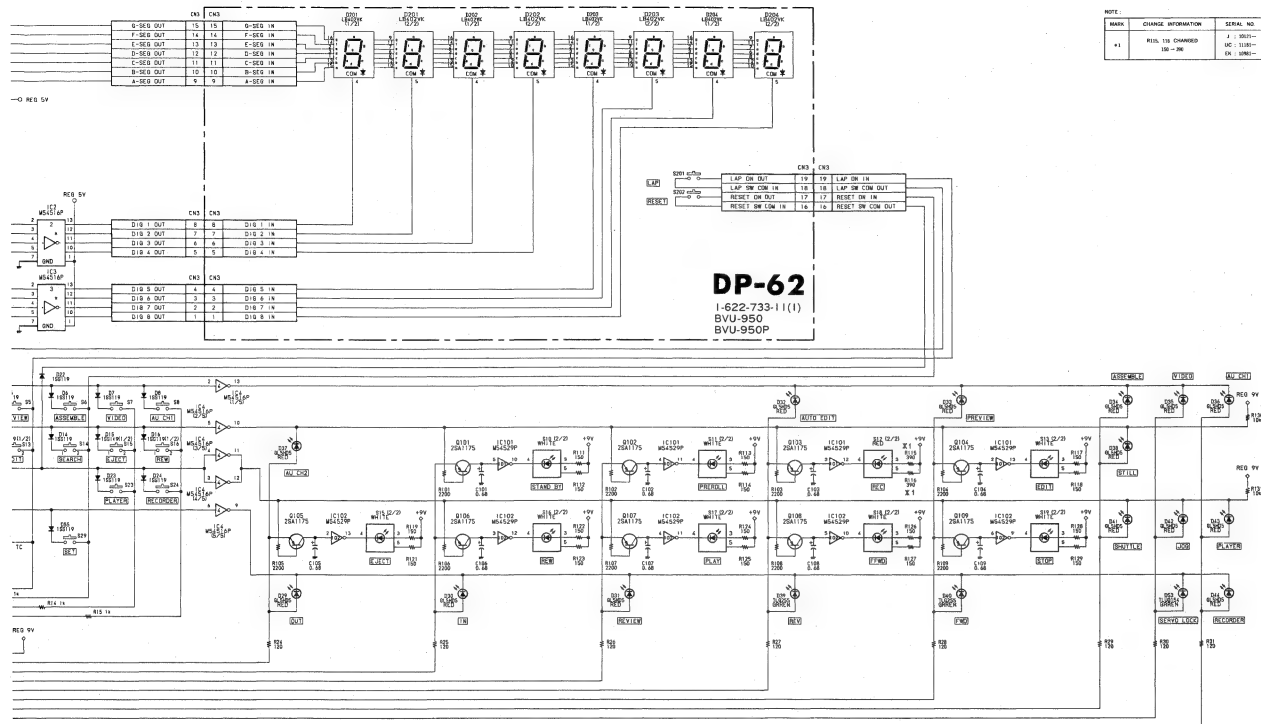
MARK	CHANGE INFORMATION	SERIAL NO.
# 1	CHANGED IC16 NJM393D ↓ LM393D CHANGED IC1 TMP284C011AF ↓ TMP284C011AF-6	J : 11026 J : 14241 EX : 13681 BR : 10076 J : 11326 UC : 15591 EX : 13731 BR : 10076
# 2	IC3 CHANGED MB8645L5L ↓ CXK58648P-10L CHANGED MB8645L5L ↓ TC4069UBP CHANGED IC7 74HC04N ↓ IC18 74HC14P ↓ 74HC14N	J : 11076 UC : 15191 EX : 13731 BR : 10076 J : 11376 UC : 15491 EX : 13731 BR : 10086
# 3	IC2 CHANGED MBM27C256-25 ↓ MBM27C256A-25	J : 11376 UC : 15491 EX : 13731 BR : 10086
# 4		

SY-102/A

1-622-734-12,13,14(4)
BVU-950
BVU-950P

Y-101: FUNCTION KEY BOARD S/N UP TO 12080 (EK)
 DP-62: DISPLAY

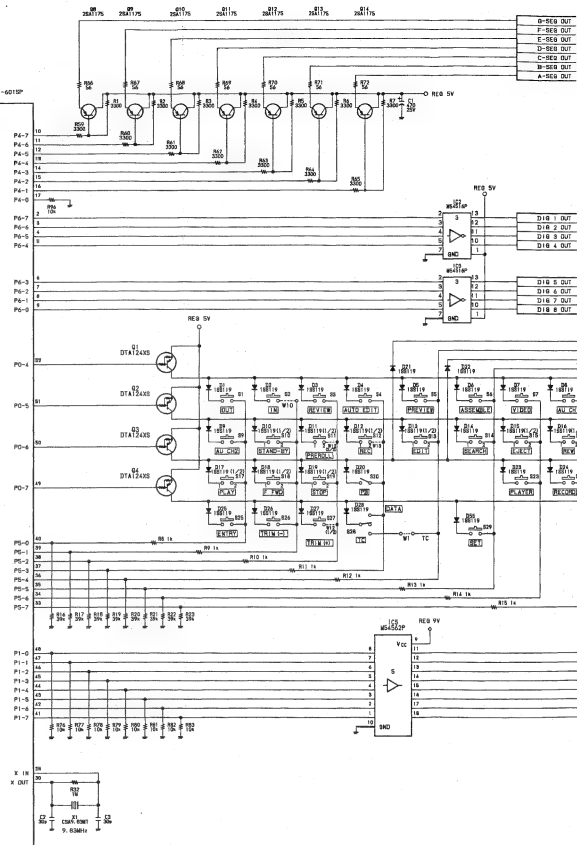




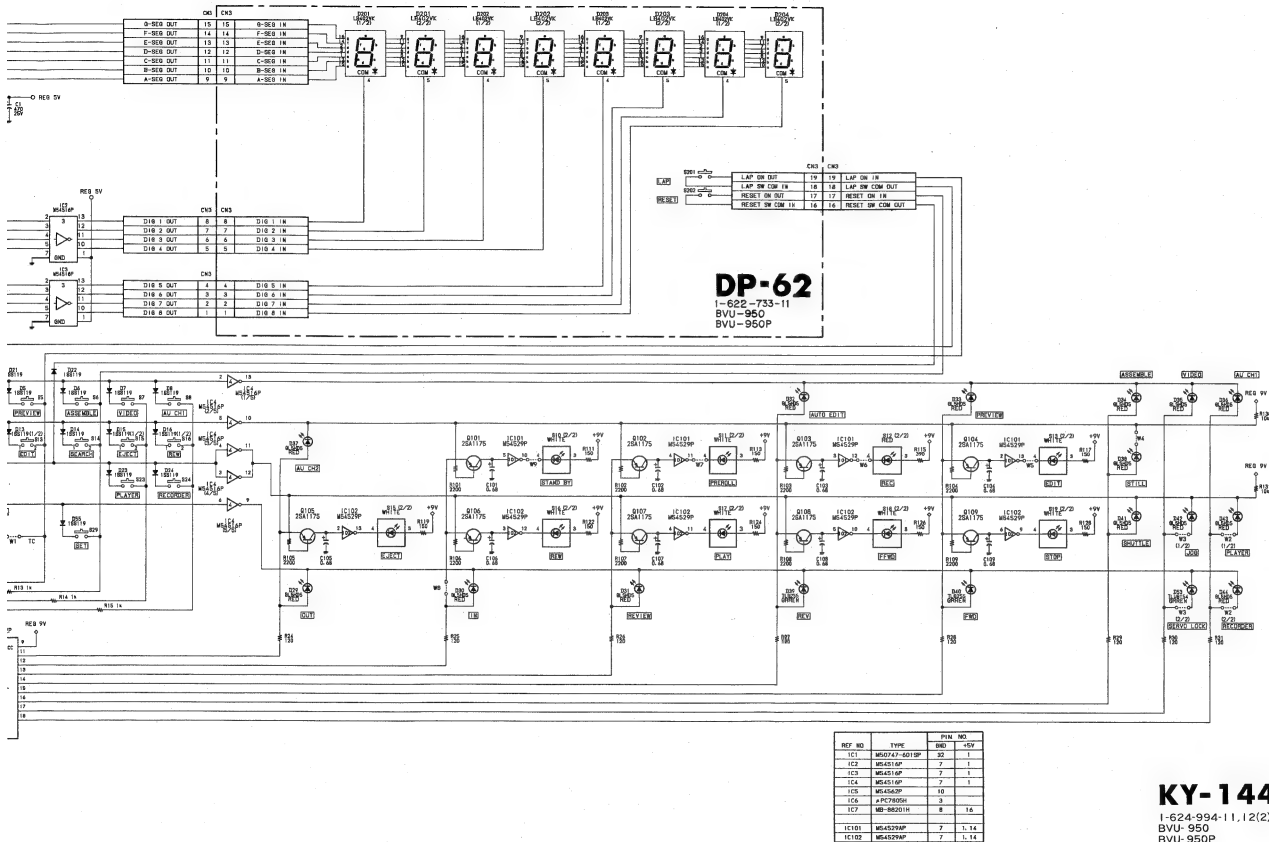
KY-101

1-622-732-1, 1, 12(2)
BVU-950
BVU-950P

S/N 12081 AND HIGHER(EK)



16-152 (b)



16-153 (b)

16-154 (b)

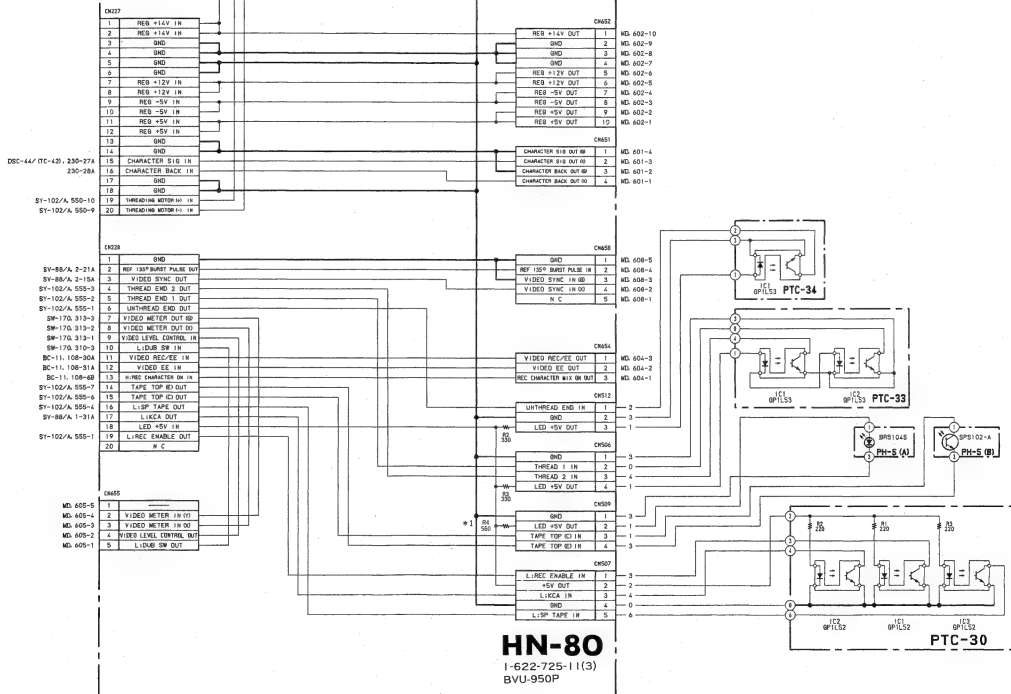
KY-144

1-624-994-11, 12(2)
BVU-950
BVU-950P

HN-80: THREADING MOTOR DRIVER
 PH-5(A): TAPE TOP LED
 PH-5(B): TAPE TOP SENSOR
 PTC-30: SP, MISS REC, KCA DETECTOR
 PTC-33: FR STOP DETECTOR
 PTC-34: UNTHREAD END DETECTOR

NOTE:

MARK	CHANGE INFORMATION	SERIAL NO.
* 1	CHANGED R4 330 → 560	EK; 13731



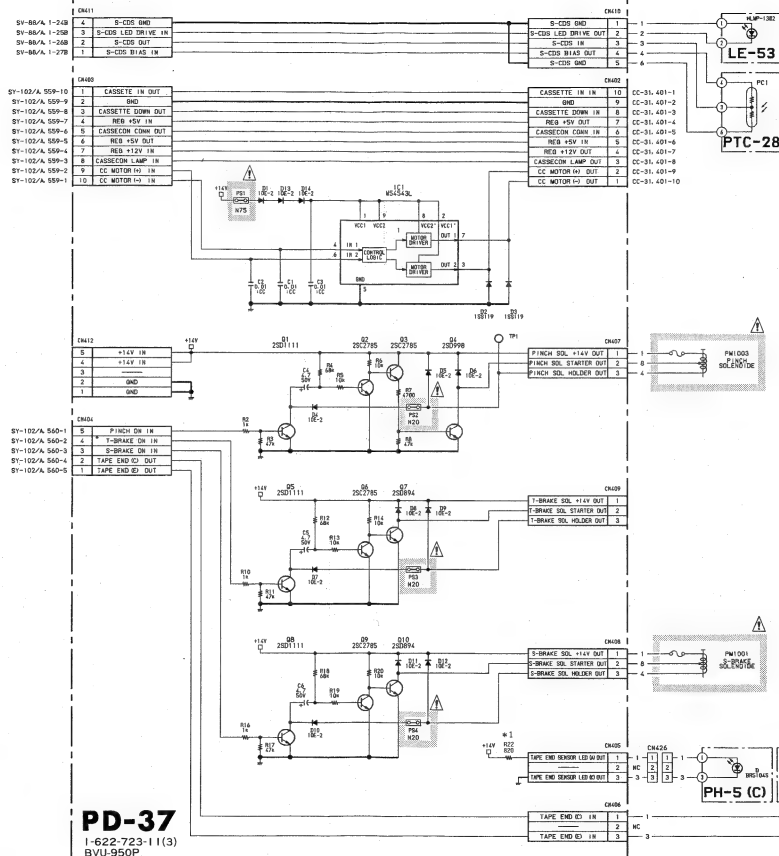
NOTE:

The shaded and Δ-marked components are critical to safety.
 Replace only with same components as specified.

LE-53; : S-TENSION LED
 PD-37; : CASSETTE-UP COMPARTMENT MOTOR DRIVER/SOLENOID DRIVER
 PH-5(C); : TAPE END LED
 PTC-26; : TAPE END SENSOR
 PTC-28; : S-TENSION CDS

NOTE:

MARK	CHANGE INFORMATION	SERIAL NO.
# 1	CHANGED R22 1200 - 820	EK; 13731

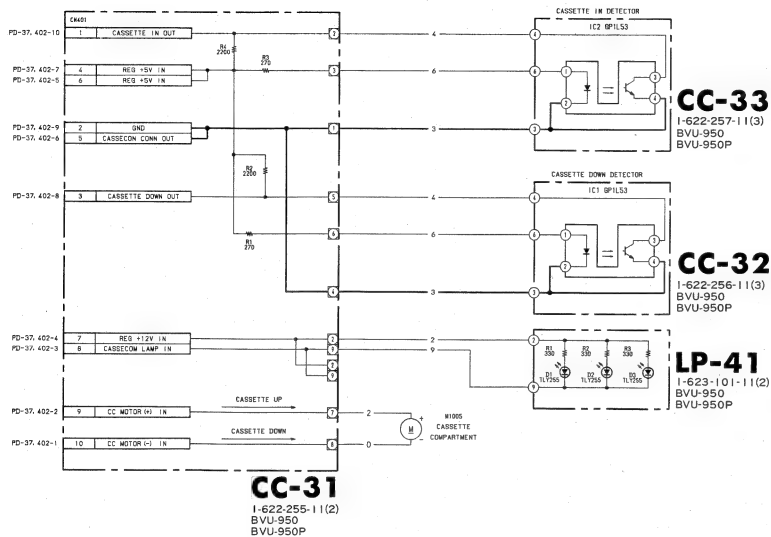


NOTE:

The shaded and marked components are critical to safety.
 Replace only with same components as specified.

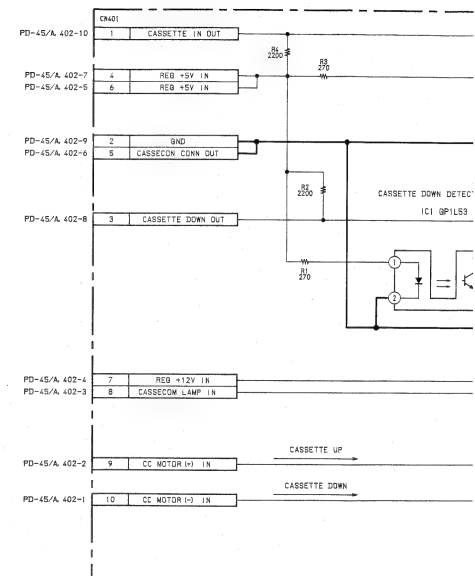
CC-31; CASSETTE COMPARTMENT DRIVE
CC-32; CASSETTE DOWN DETECTOR
CC-33; CASSETTE IN DETECTOR
LP-41; CASSETTE COMPARTMENT LIGHT

S/N UP TO 13680 (EK)



CC-36; CASSETTE DOWN DETECTOR
CC-37; CASSETTE IN DETECTOR
LP-41; CASSETTE COMPARTMENT LIGHT

S/N 13681 AND HIGH

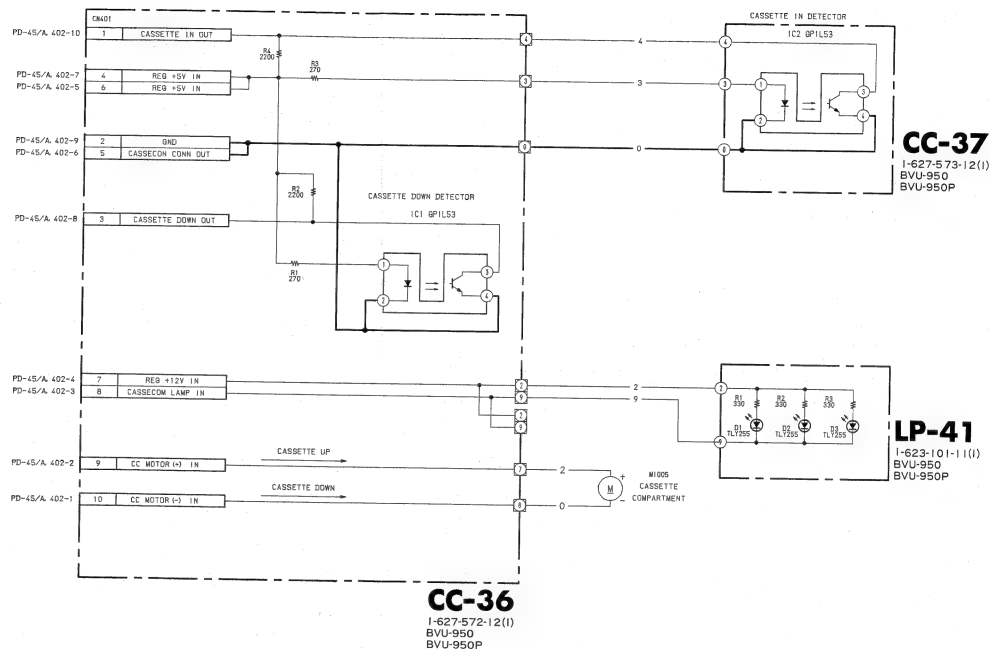
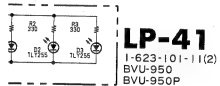
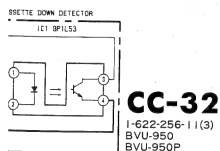
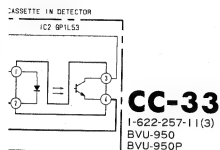


CC
I-627
BVU-6
BVU-6

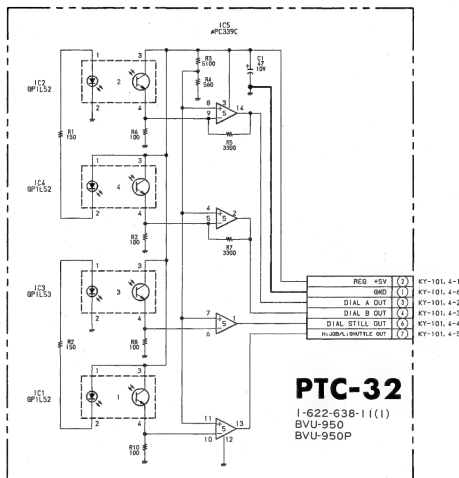
CC-31, CC-32, CC-33, CC-36, CC-37, LP-41 CC-31, CC-32, CC-33, CC-36, CC-37, LP-41

CC-36; CASSETTE DOWN DETECTOR
CC-37; CASSETTE IN DETECTOR
LP-41; CASSETTE COMPARTMENT LIGHT

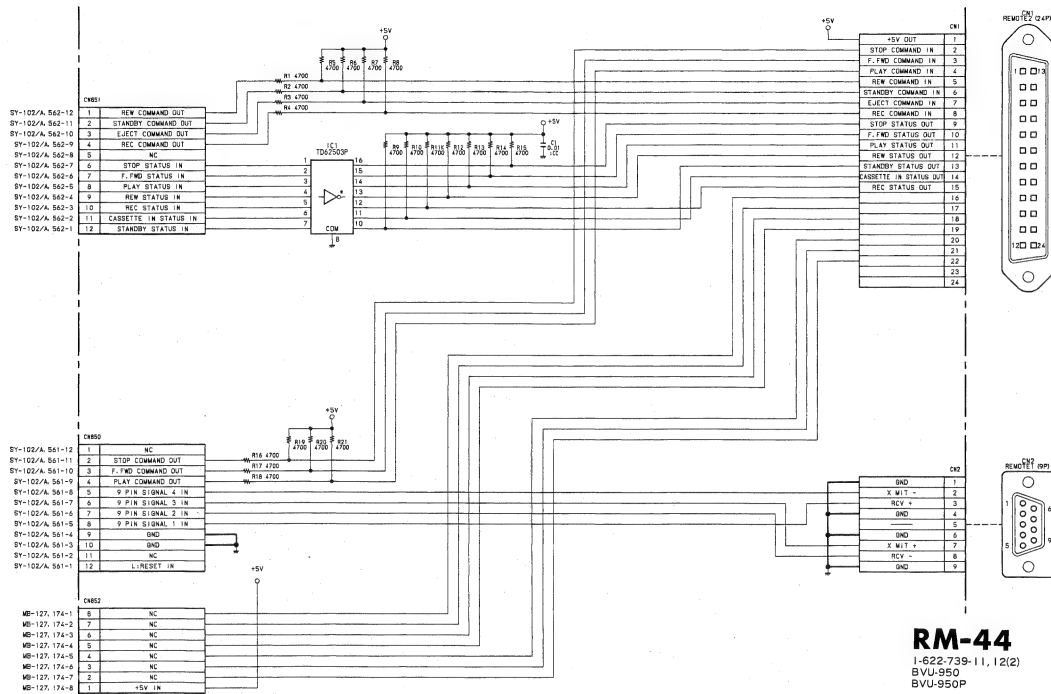
S/N 13681 AND HIGHER (EK)



PTC-32: SEARCH DIAL



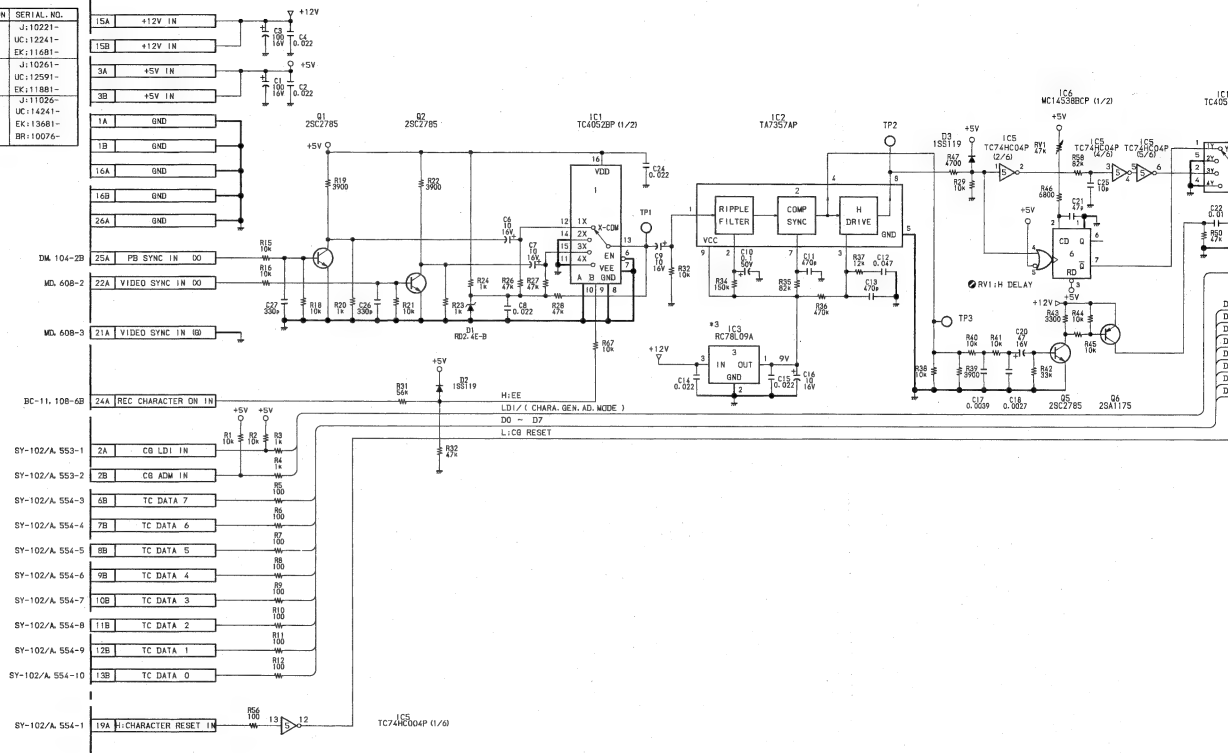
RM-44: REMOTE CONTROL

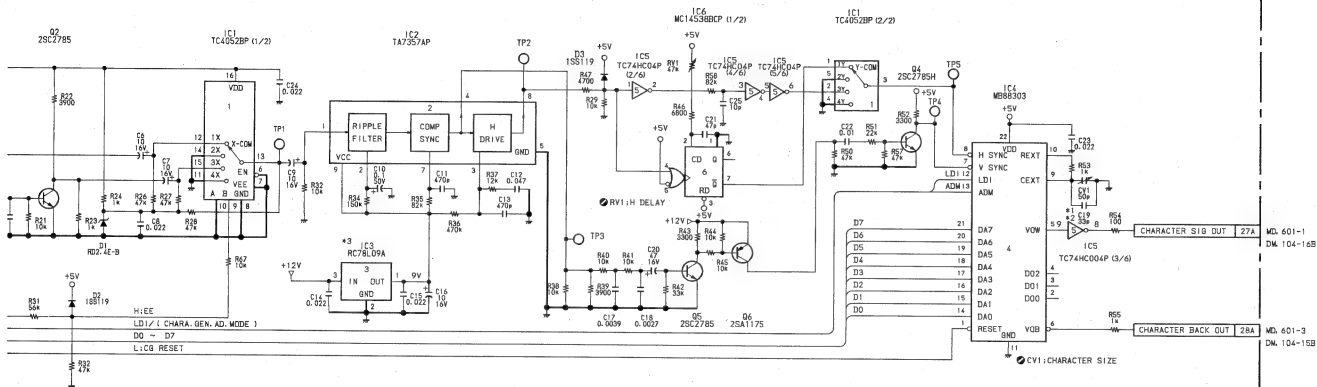


DSC-44: CHARACTER GENERATOR

NOTE:

WAVE	CHANGE INFORMATION	SERIAL NO.
*1	CHANGED C19 47nF → 39nF	J:10221- UC:12241- EK:116B1-
*2	CHANGED C19 39nF → 33nF	J:10261- UC:12591- EK:118B1- J:11026- UC:14241- EK:136B1- BR:10076-
*3	CHANGED IC3 RC78L09A	



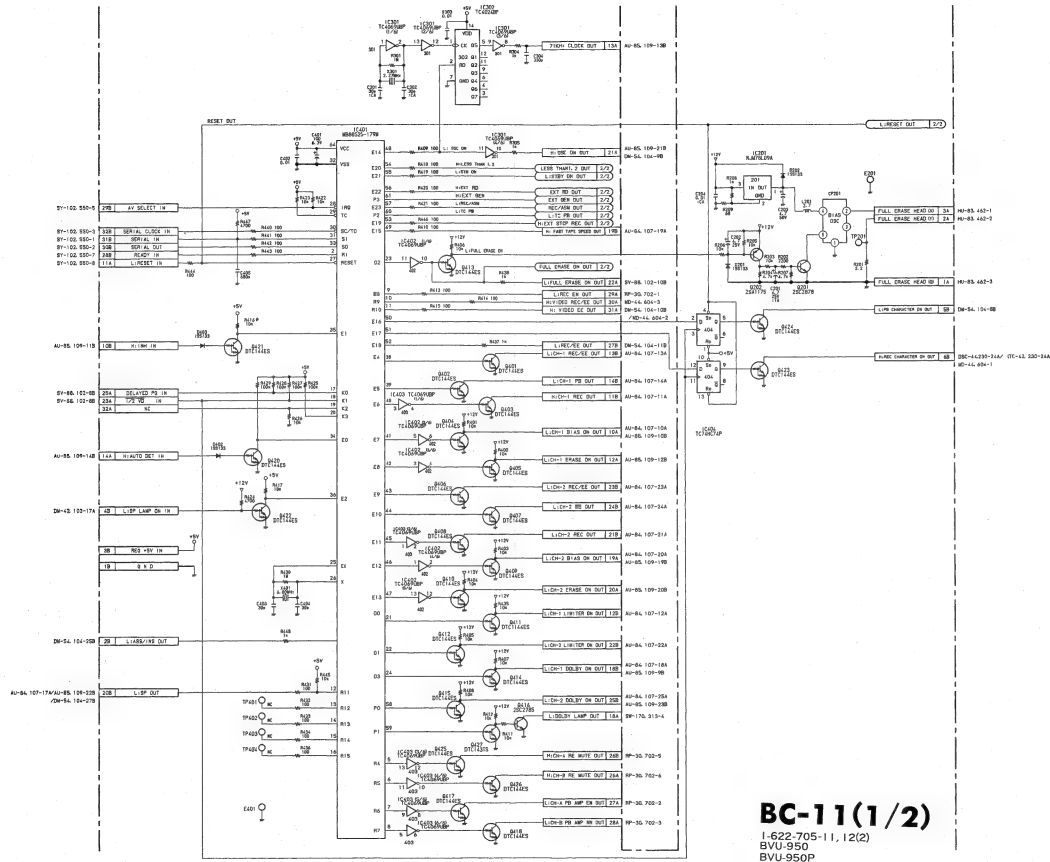


DSC-44

1-622-710-11, 12, 13(5)
BVU-950
BVU-950P

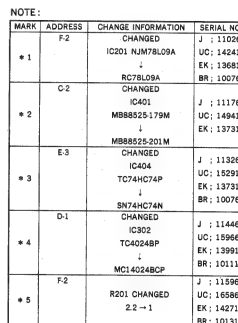
BC-11(1/2); VIDEO/AUDIO TIMING CONTROL
FULL ERASE OSCILLATOR

S/N UP TO 10980(EK)



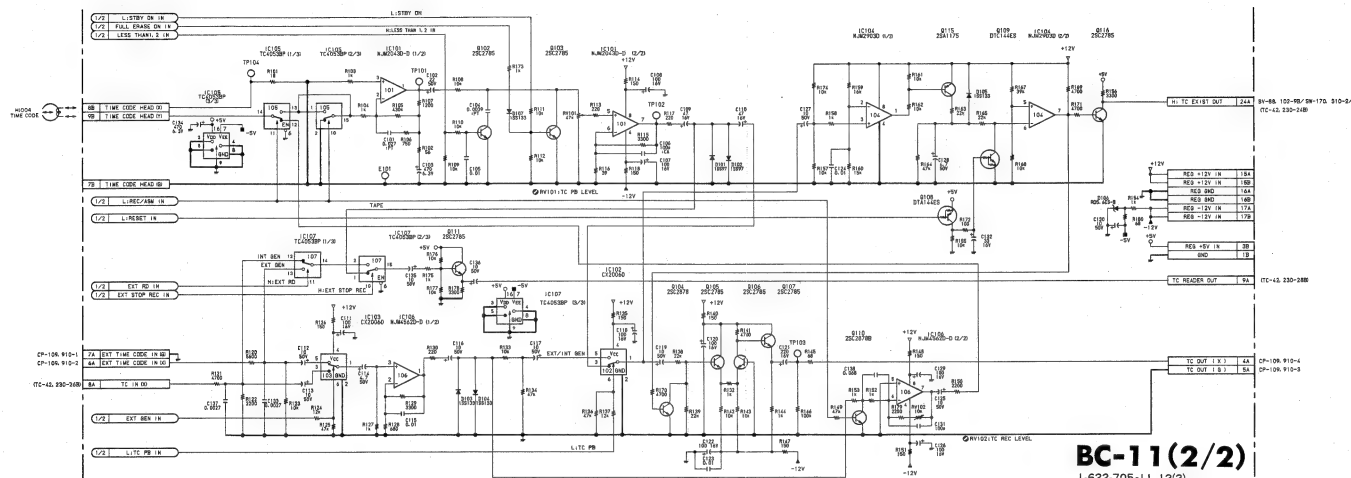
BC-11(1/2)
1-622-705-11, 12(2)
BVU-950
BVU-950P

S/N 10981 AND HIGHER(EK)

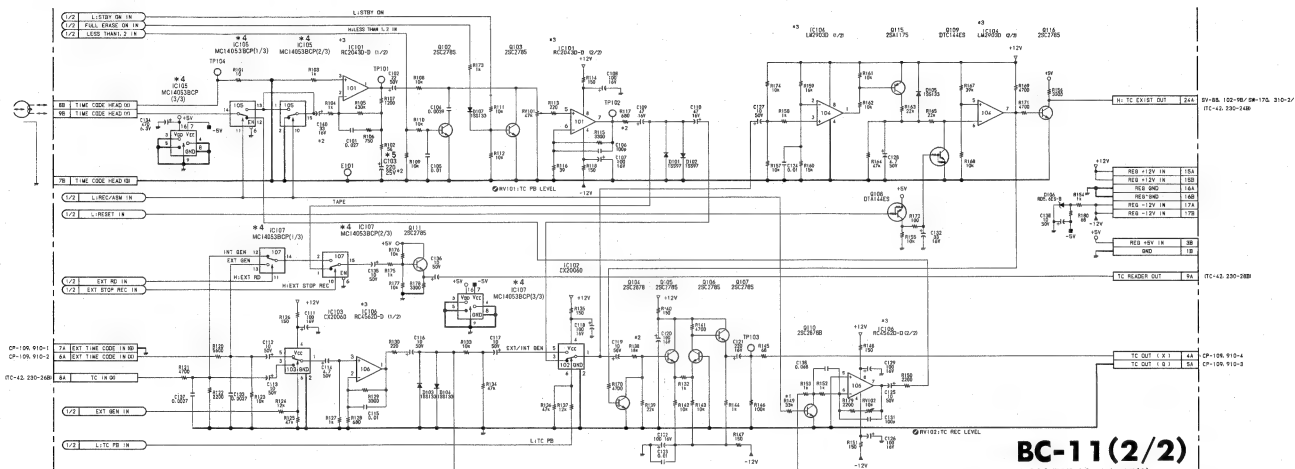


BC-11(1/2)
1-622-705-13, 14, 15(5)
BVU-950
BVU-950P

BC-11(2/2); TIME CODE REC/PB AMPLIFIER S/N UP TO 10980(EK)



BC-11(2/2)
1-622-705-11, 12(2)
BVU-950
BVU-950P

**BC-11(2/2)**I-622-705-13, 14, 15(8)
BVU-950
BVU-950P

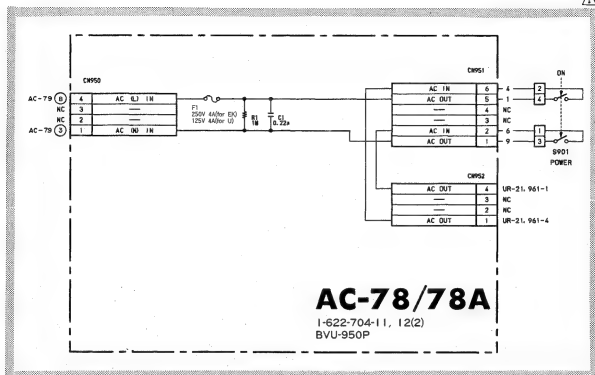
NOTE:

MARK	ADDRESS	CHANGE INFORMATION	SERIAL NO.
# 1	E-4	R149 CHANGED UC: 13691 EK: 12231	J: 10756 UC: 13691 EK: 12231
	C-2	C140 ADDED 33/16V	J: 11026 UC: 13691 EK: 12731
# 2	C-2	C103 CHANGED 470/6.3V → 100/16V	J: 11026 UC: 13691 EK: 12731
	D-2	R117 220 → 680	BR: 10046
	D-3	R135 22K → 18K	
# 3	C-2	IC101 NJM2043D-D → RC2043D-D	J: 11026 UC: 14241 EK: 13681
	E-2	IC104 NJM2903D → LM2903D	BR: 10076
	C-3	IC106 NJM4562D-D → RC4562D-D	


NOTE:

MARK	ADDRESS	CHANGE INFORMATION	SERIAL NO.
# 4	B-2	IC105 CHANGED TC4053BP	J: 11446 UC: 13966 EK: 13991
	C-3	MC1403BCP IC107 CHANGED TC4053BP	J: 11446 UC: 13966 BR: 10111
# 5	C-2	C103 CHANGED 100/16V → 220/25V	J: 11566 UC: 14676 EK: 14271
			BR: 10131

AC-78A: AC PRIMARY CIRCUIT

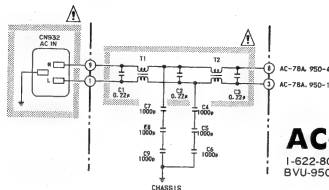


NOTE:

The shaded and -marked components are critical to safety.
Replace only with same components as specified.

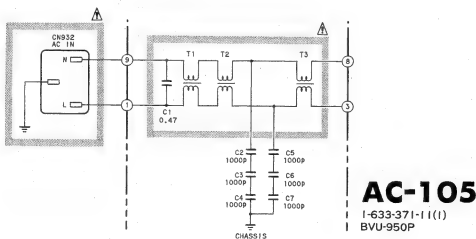
AC-79; LINE FILTER

S/N UP TO 14270 (EK)



AC-105; LINE FILTER

S/N 14271 AND HIGHER (EK)

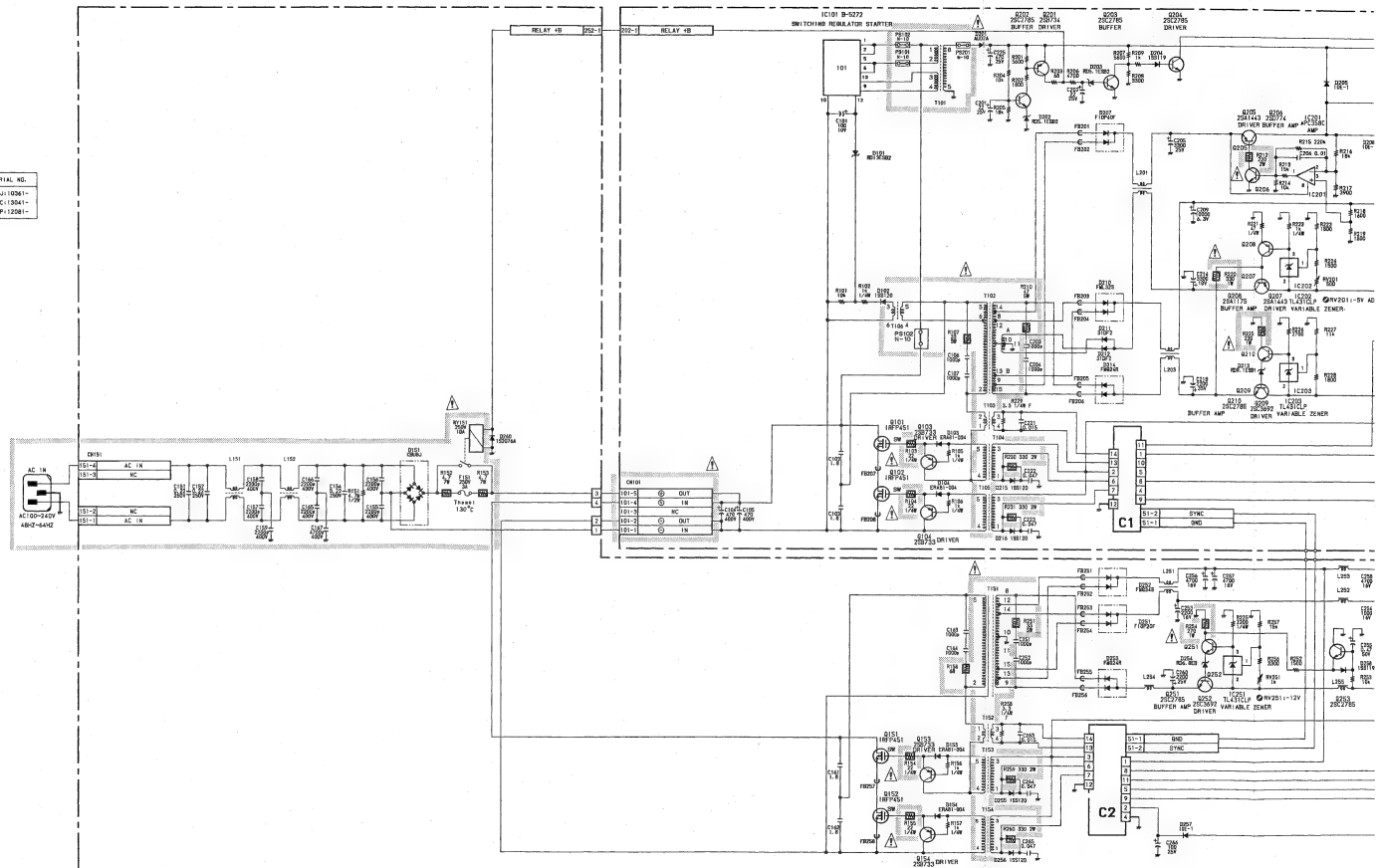


NOTE:

The shaded and ⚡-marked components are critical to safety.
Replace only with same components as specified.

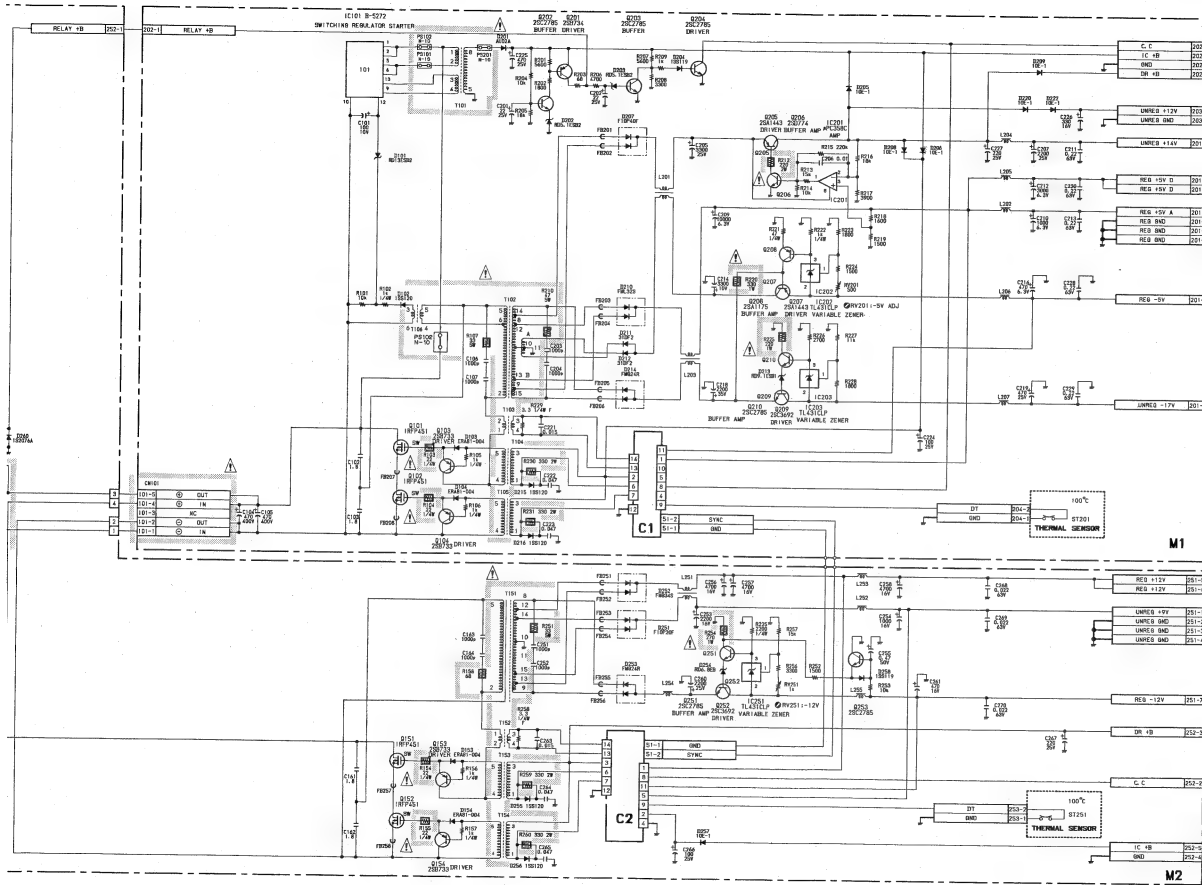
M1
M2

MARK	CHANGE INFORMATION	SERIAL NO.
#1	ADDED PS102 N-10	J-10361- UC-13041- P-12081-



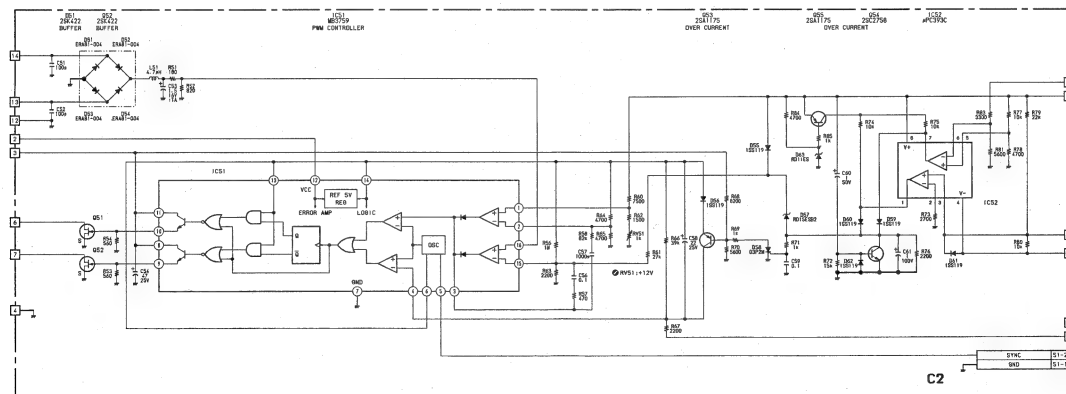
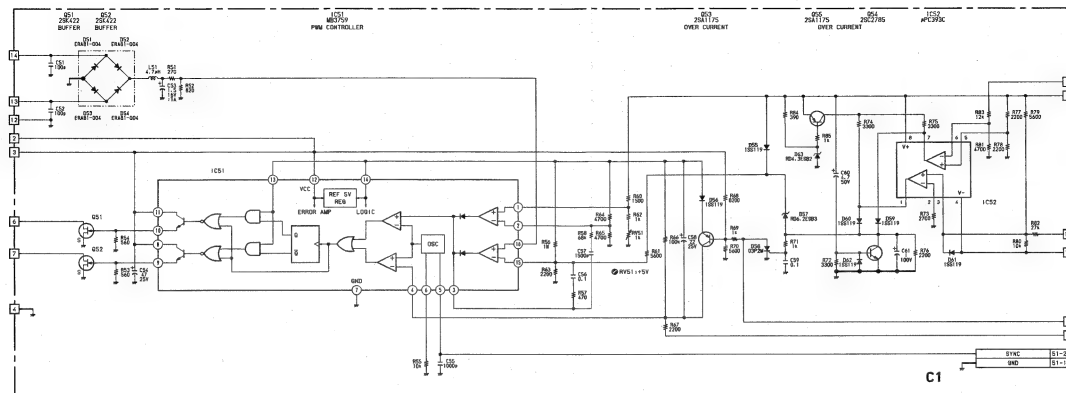
NOTE:

The shaded and Δ -marked components are critical to safety.
Replace only with same components as specified.



UR-21:SWITCHING REGULATOR

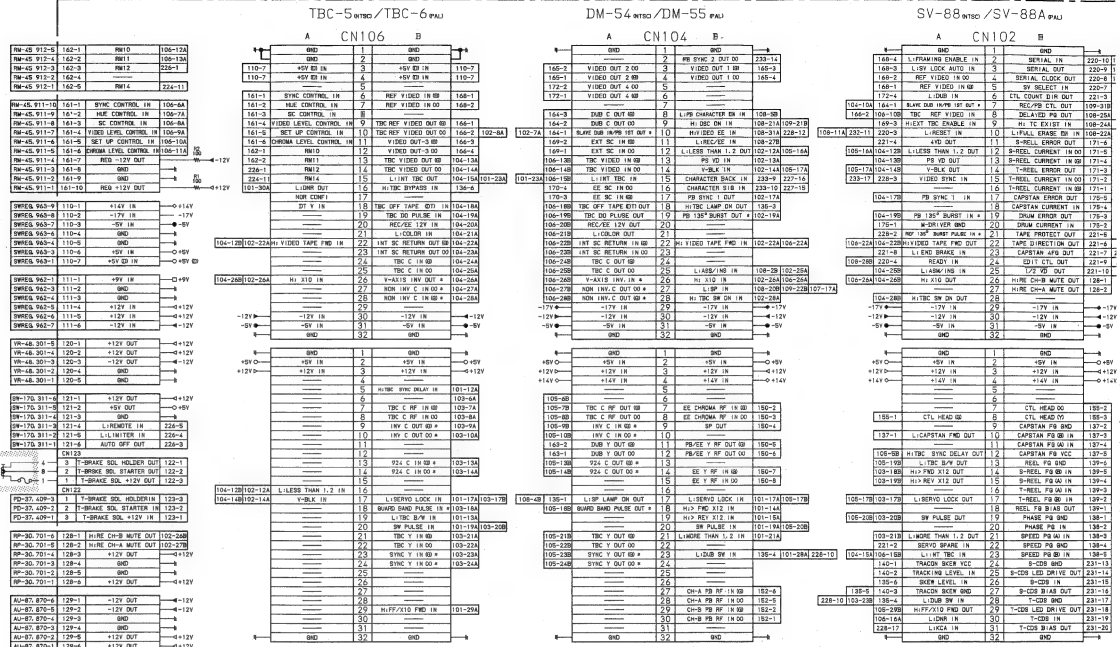
C1
C2



UR-21(2/2)

1-413-307-13(1)
BVU-950
BVU-950P

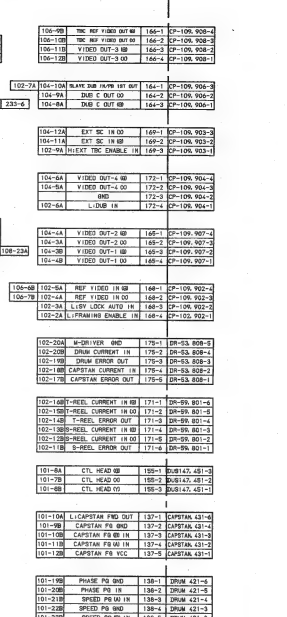
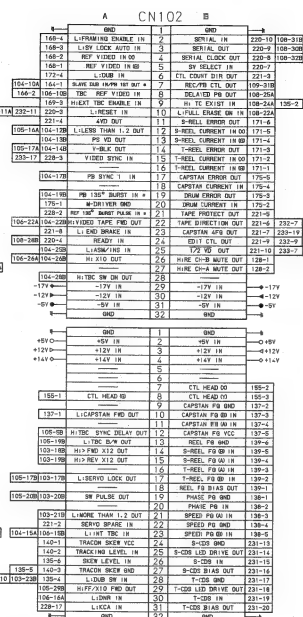
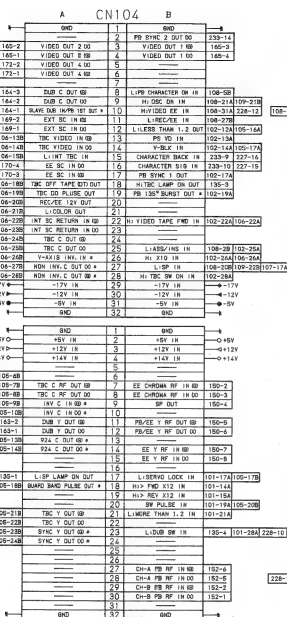
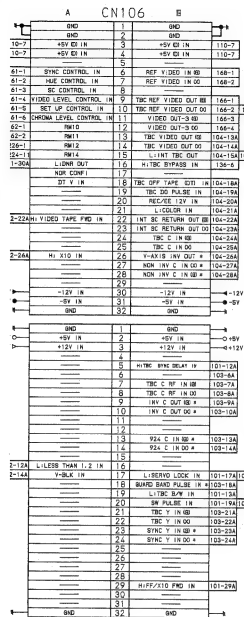
MB-127(1/2); MOTHER BOARD



TBC-5 8780 / TBC-6 8780

DM-54 8780 / DM-55 8780

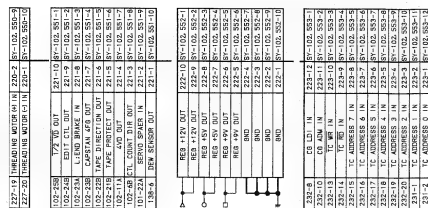
SV-88 8780 / SV-88A 8780



MB-127(1/2)
1-622-713-11, 12, 13(4)
BVU-950
BVU-950P

NOTE:

The shaded and Δ marked components are critical to safety.
Replace only with same components as specified.

BC-11
CN108

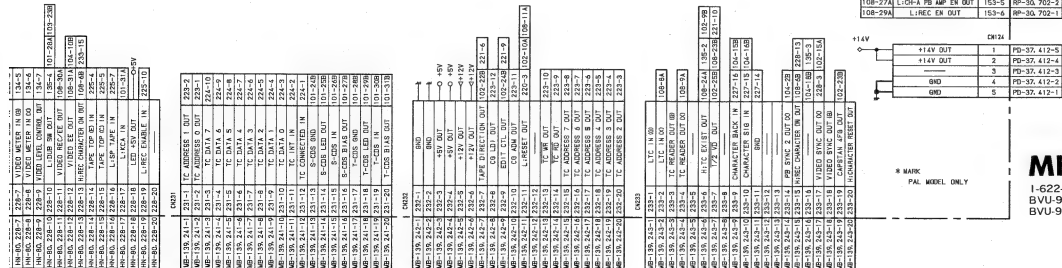
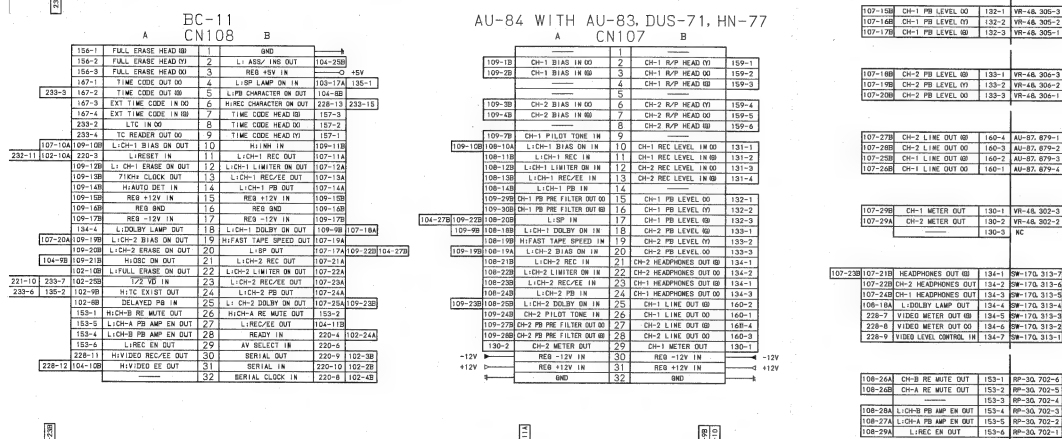
A

B

AU-84 WITH AU-83, DUS-71, HN-77
CN107

A

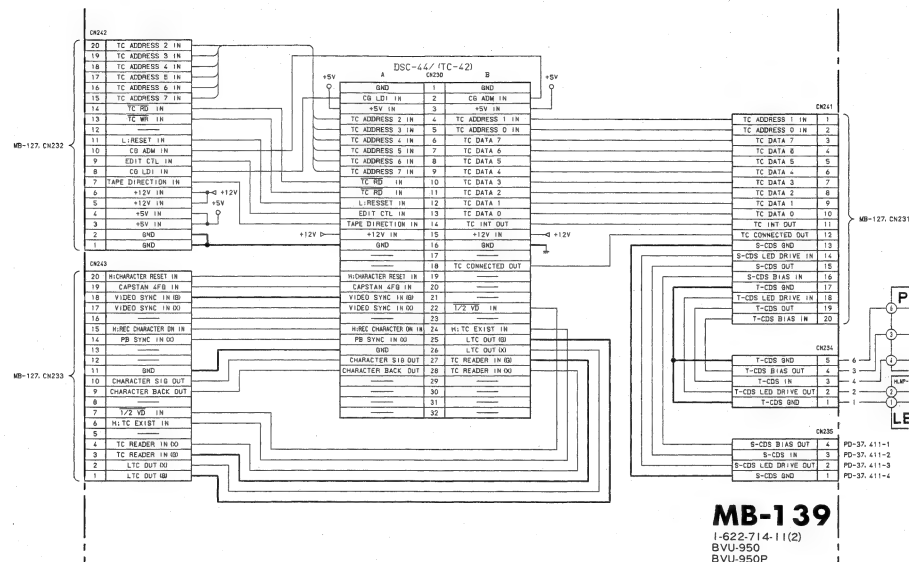
B



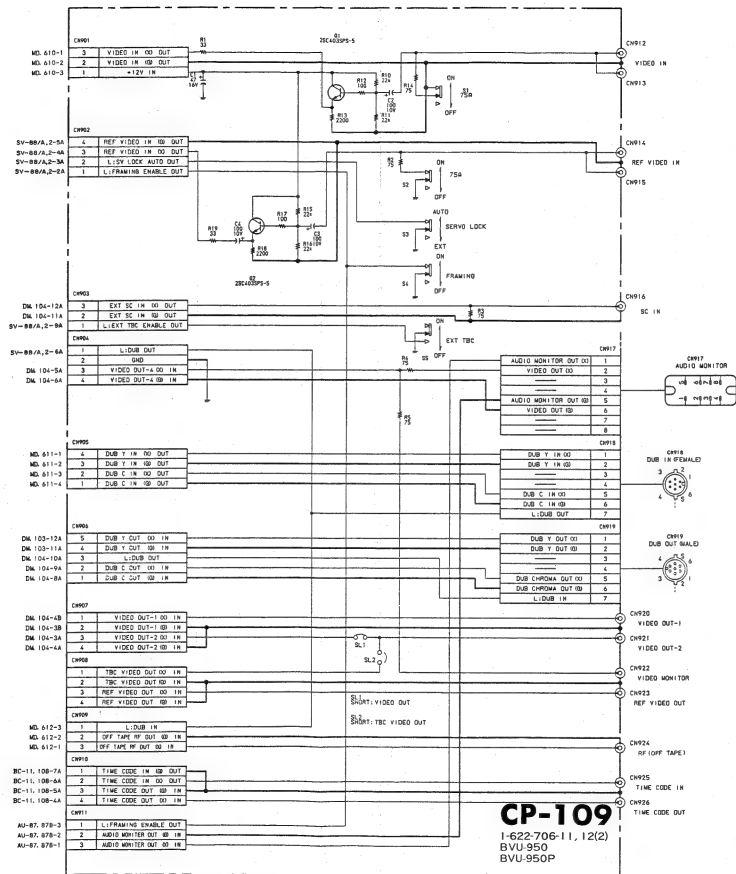
MB-127(2/2)

1-622-713-11, 12, 13(3)
BUV-950
BUV-950P

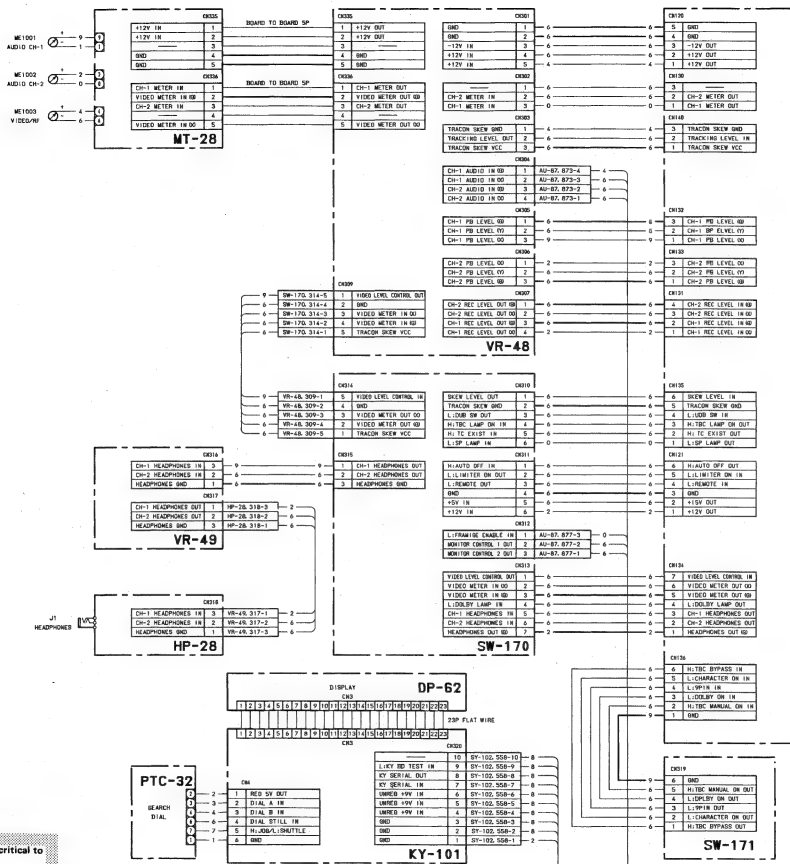
LE-54: T-TENSION LED
 MB-139: SUB MOTHER FOR TC
 PTC-29: T-TENSION CDS



CP-109; CONNECTOR PANNEL

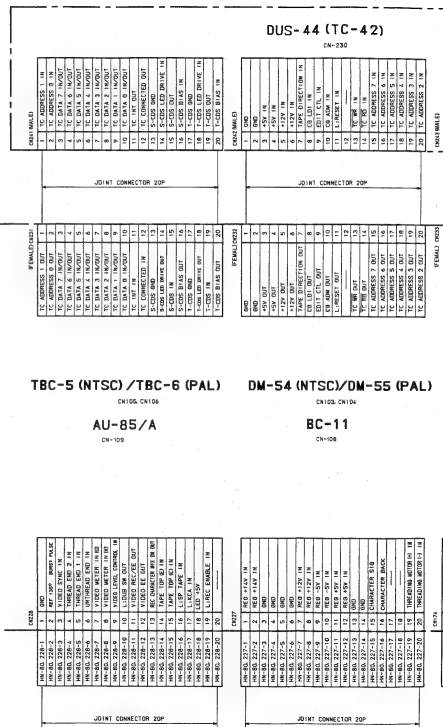


FRAME(1/2)

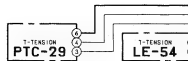


NOTE:
The shaded and Δ -marked components are critical to safety.
Replace only with same components as specified.

16-223

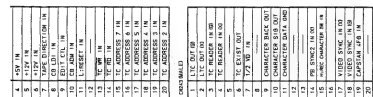


16-224

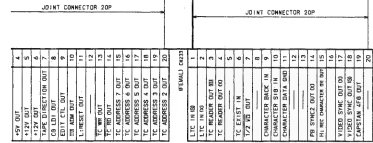


DUS-44 (TC-42)

CN-93C



MB-139



-54 (NTSC)/DM-55 (PAL) SV-88 (NTSC)/SV-88A (PAL)

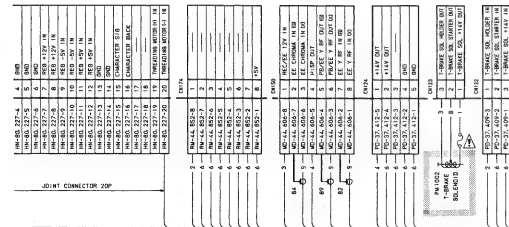
CN103, CN106

CW101 CW102

RC-1

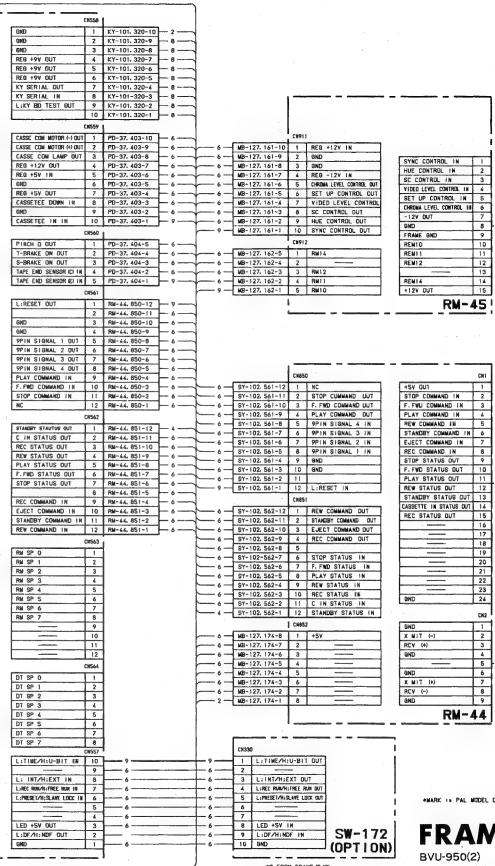
All-RA / A

0-0



MB-127 (1/2)

SY-102



ARE 10 PAL MODEL ONLY


FRAME(1 / 2)

BVU-950(2)

BY-L-050B(3)





The shaded and -marked components are critical to safety.
Replace only with same components as specified.

BVU-950P(2)
*MARK IS PAL MODEL ONLY

SECTION 17 PRINTED WIRING BOARDS

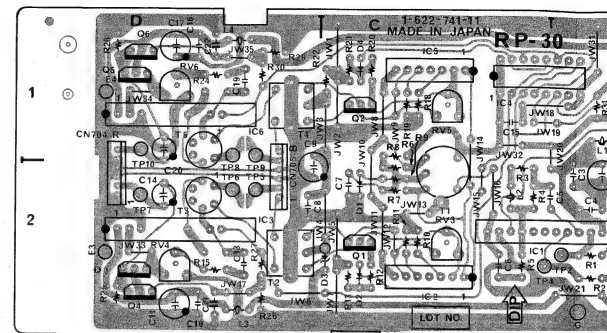
The circuit information is provided below.

SYSTEM	CIRCUIT BOARD	CIRCUIT FUNCTION
VIDEO	RP-30A	RF REC/PB /rotary erase
	MD-45	Y/C modulator
	DM-55	Y/C demodulator
	SW-170	Video level MANU/AUTO select
	VR-48	Video level control
	MT-28	Video level meter
AUDIO	AU-83A	CH-1 REC/PB /DOLBY processor
	DUS-71	Variable coil
	AU-84A	CH-2 REC/PB
	DUS-71	Variable coil
	HN-77	Junction board
	AU-85A	DOLBY auto detector, bias oscillator
	SW-171	DOLBY ON/OFF switch
	AU-87	Mic/output/monitor amplifier
	VR-48	REC/PB level control
	MT-28	Audio level meter
	VR-49	Headphones level control
	HP-28	Headphones
	DUS-92	Audio head
	DUS-147	Junction board for audio head
	BC-11	Full erase oscillator
	SW-170	Audio monitor select
SERVO	SV-88A	Drum/cnspstan/reel servo
	SE-48	Reel rotation detector
	DR-53	Motor driver for reel/cnspstan/drum
	DR-59	Motor driver for reel
	PTC-28	S-tension CDS
	LE-53	S-tension LED
	PTC-29	T-tension CDS
	LE-54	T-tension LED
	DUS-177	T-reel motor
	DUS-178	S-reel motor
	VR-48	Tracking control

SYSTEM	CIRCUIT BOARD	CIRCUIT FUNCTION
SYSCON	SY-102A	System control
	KY-101 / KY-144	Function key board
	DP-62	Display
	BC-11	Video/audio timing control
	HN-80	Threading motor driver
	LM-13	Threading motor
	PD-37	Cassette-up compartment motor driver /Solenoid driver
	CC-31 / CC-38	Cassette compartment driver
	CC-32 / CC-36	Cassette down detector
	CC-33 / CC-37	Cassette in detector
	PTC-30	SP, miss REC, KCA detector
	PTC-33	FR stop detector
	PTC-34	Uthread end detector
	PH-5(A)	Tape top LED
	PH-5(B)	Tape top sensor
	PH-5(C)	Tape end LED
	PTC-26	Tape end sensor
	SW-170	Select switch /warning indicator
	SW-171	Remote 1/2 Select /TBC ON/OFF /Character ON/OFF
	PTC-32	Search dial
	RM-44	Remote control (9pin & 24pin)
	DSC-44	Character generator
TIME CODE	TC-42	Time code (Option)
	BC-11	Time code REC/PB amplifier
	HN-84	Time code head
	SW-172	Time code control Switch (Option)
POWER	AC-78A	AC primary circuit
	AC-79	Line filter
	M1	Switching Regulator (UR-21)
	M2	
	C1	
	C2	
OTHERS	MB-127	Mother board
	MB-139	Sub mother for TC
	CP-109	Connector panel
	RM-45	TBC remote control
	EX-127	Extension board for Audio/Time code
	EX-128	Extension board for Video/Servo/TBC
	HN-80	Relay board for video/tape sensor/ threading motor driver
	HN-83	Relay board for time code head/erase head
	MT-28	Meter
	LP-41	Cassette compartment light
	TBC-6	Time base corrector (Option)

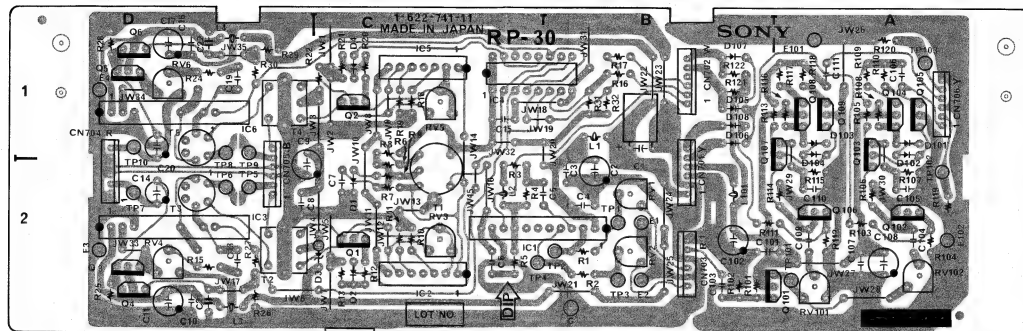
RP-30A (1-622-741-11)

CN701	B2	T1	C-2
CN702	B1	T2	D-2
CN703	B2	T3	D-2
CN704	D-2	T4	D-1
CN705	D-2	T5	D-1
CN706	A-1		
D1	C-2	TP2	B-2
D2	C-2	TP3	B-2
D3	C-2	TP4	C-2
D4	C-1	TP5	D-2
D101	A-1	TP6	D-2
D102	A-1	TP7	D-2
D103	A-1	TP8	D-1
D104	A-1	TP9	D-1
D105	B-1	TP10	D-1
D106	B-1	TP101	A-2
D107	B-1	TP102	A-2
D108	B-1	TP103	A-1
E1	B-2		
E2	B-2		
E3	D-2		
E4	D-1		
E101	A-1		
E102	A-2		
IC1	C-2		
IC2	C-2		
IC3	D-2		
IC4	C-1		
IC5	C-1		
IC6	D-1		
Q1	C-2		
Q2	C-1		
Q3	D-2		
Q4	D-2		
Q5	D-1		
Q6	D-1		
Q101	A-2		
Q102	A-2		
Q103	A-1		
Q104	A-1		
Q105	A-1		
Q106	A-2		
Q107	A-1		
Q108	A-1		
Q109	A-1		
RV1	B-2		
RV2	B-2		
RV3	C-2		
RV4	D-2		
RV5	C-1		
RV6	D-1		
RV101	A-2		
RV102	A-2		



RP-30A: RF REC/PB /ROTARY ERASE

S/N UP TO 10080(EK)



RP-30/A —COMPONENT SIDE—
 1-82274-11(1)
 BVU-950
 BVU-950P

RP-30A (1-622-741-12)

CN701	B-2	T1	C-2
CN702	B-1	T2	D-2
CN703	B-2	T3	D-2
CN704	D-2	T4	D-1
CN705	D-2	T5	D-1
CN706	A-1		

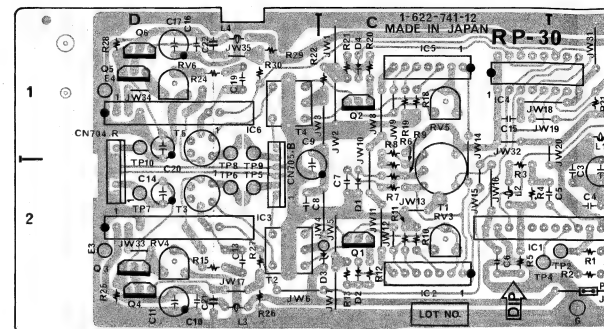
D1	C-2	TP2	B-2
D2	C-2	TP3	B-2
D3	C-2	TP4	C-2
D4	C-1	TP5	D-2
D101	A-1	TP6	D-2
D102	A-1	TP7	D-2
D103	A-1	TP8	D-1
D104	A-1	TP9	D-1
D105	B-1	TP10	D-1
D106	B-1	TP101	A-2
D107	B-1	TP102	A-2
D108	B-1	TP103	A-1

E1	B-2
E2	B-2
E3	D-2
E4	D-1
E101	A-1
E102	A-2

IC1	C-2
IC2	C-2
IC3	D-2
IC4	C-1
IC5	C-1
IC6	D-1

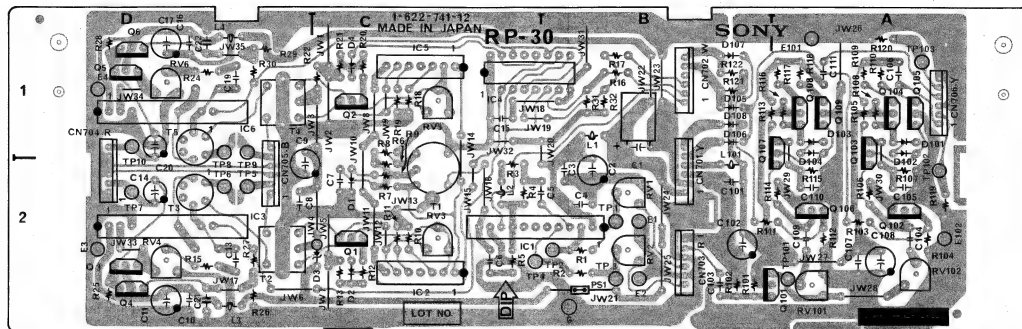
Q1	C-2
Q2	C-1
Q3	D-2
Q4	D-2
Q5	D-1
Q6	D-1
Q101	A-2
Q102	A-2
Q103	A-1
Q104	A-1
Q105	A-1
Q106	A-2
Q107	A-1
Q108	A-1
Q109	A-1

RV1	B-2
RV2	B-2
RV3	C-2
RV4	D-2
RV5	C-1
RV6	D-1
RV101	A-2
RV102	A-2



RP-30A: RF REC/PB /ROTARY ERASE

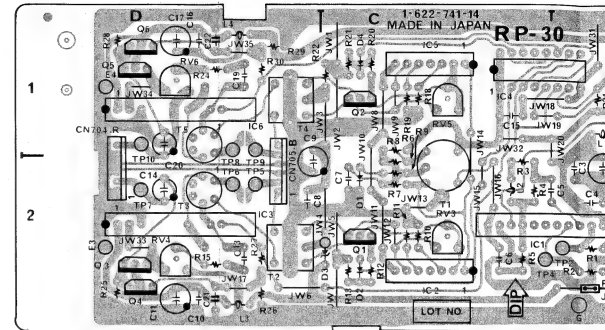
S/N 10081 TO 11880 (EK)



RP-30/A — COMPONENT SIDE —
 I-522-741-12(1)
 BVU-550
 BVU-550P

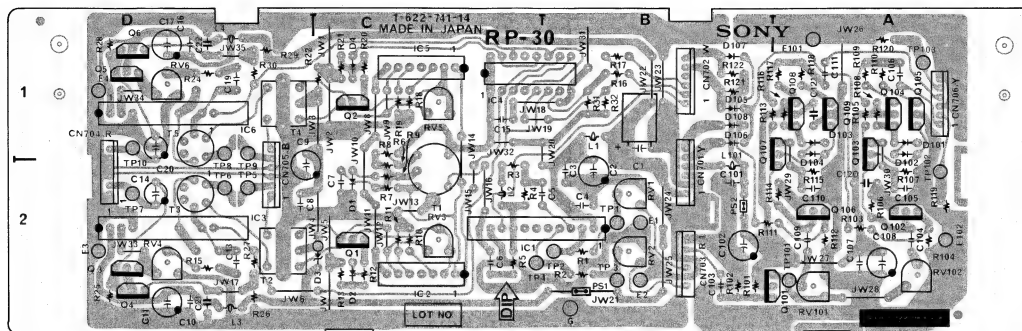
RP-30A (1-622-741-14)

CN701	B-2	T1	C-2
CN702	B-1	T2	D-2
CN703	B-2	T3	D-2
CN704	D-2	T4	D-1
CN705	D-2	T5	D-1
CN706	A-1		
		TP1	B-2
D1	C-2	TP2	B-2
D2	C-2	TP3	B-2
D3	C-2	TP4	C-2
D4	C-1	TP5	D-2
D101	A-1	TP6	D-2
D102	A-1	TP7	D-2
D103	A-1	TP8	D-1
D104	A-1	TP9	D-1
D105	B-1	TP10	D-1
D106	B-1	TP101	A-2
D107	B-1	TP102	A-2
D108	B-1	TP103	A-1
E1	B-2		
E2	B-2		
E3	D-2		
E4	D-1		
E101	A-1		
E102	A-2		
IC1	C-2		
IC2	C-2		
IC3	D-2		
IC4	C-1		
IC5	C-1		
IC6	D-1		
Q1	C-2		
Q2	C-1		
Q3	D-2		
Q4	D-2		
Q5	D-1		
Q6	D-1		
Q101	A-2		
Q102	A-2		
Q103	A-1		
Q104	A-1		
Q105	A-1		
Q106	A-2		
Q107	A-1		
Q108	A-1		
Q109	A-1		
RV1	B-2		
RV2	B-2		
RV3	C-2		
RV4	D-2		
RV5	C-1		
RV6	D-1		
RV101	A-2		
RV102	A-2		



RP-30A: RF REC/PB/ROTARY ERASE

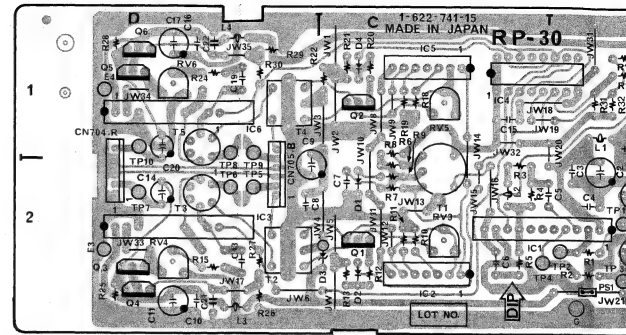
S/N 11881 TO 14595 (EK)



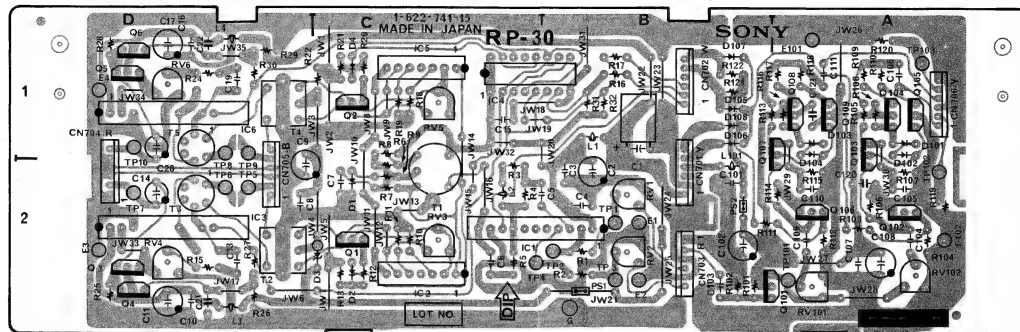
RP-30/A —COMPONENT SIDE—
 1-822741-14(1)
 BVU-930
 BVU-930P

RP-30A (1-622-741-15)

CN701	B-2	T1	C-2
CN702	B-1	T2	D-2
CN703	B-2	T3	D-2
CN704	D-2	T4	D-1
CN705	D-2	T5	D-1
CN706	A-1		
		TP1	B-2
D1	C-2	TP2	B-2
D2	C-2	TP3	B-2
D3	C-2	TP4	C-2
D4	C-1	TP5	D-2
D101	A-1	TP6	D-2
D102	A-1	TP7	D-2
D103	A-1	TP8	D-1
D104	A-1	TP9	D-1
D105	B-1	TP10	D-1
D106	B-1	TP101	A-2
D107	B-1	TP102	A-2
D108	B-1	TP103	A-1
E1	B-2		
E2	B-2		
E3	D-2		
E4	D-1		
E101	A-1		
E102	A-2		
IC1	C-2		
IC2	C-2		
IC3	D-2		
IC4	C-1		
IC5	C-1		
IC6	D-1		
Q1	C-2		
Q2	C-1		
Q3	D-2		
Q4	D-2		
Q5	D-1		
Q6	D-1		
Q101	A-2		
Q102	A-2		
Q103	A-1		
Q104	A-1		
Q105	A-1		
Q106	A-2		
Q107	A-1		
Q108	A-1		
Q109	A-1		
RV1	B-2		
RV2	B-2		
RV3	C-2		
RV4	D-2		
RV5	C-1		
RV6	D-1		
RV101	A-2		
RV102	A-2		



RP-30A; RF REC/PB/ROTARY ERASE S/N 14596 AND HIGHER (EK)



RP-30/A —COMPONENT SIDE—
1-622-741-15(1)
RVU-950
RVU-950P

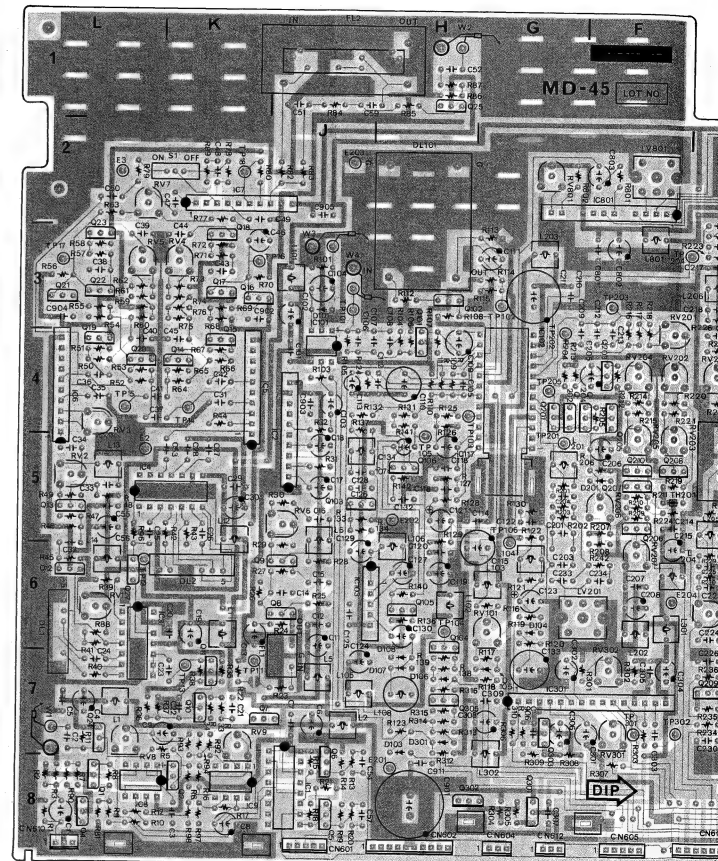
C-2
D-2
D-2
D-1
D-1

B-2
B-2
B-2
C-2
D-2
D-2
D-1
D-1
A-2
A-1

MD-45 (1-622-742-11)

CN601	J-8	IC8	L-8	Q210	F-5	TP14	K-4
CN602	H-8	IC9	K-8	Q211	E-7	TP15	L-4
CN603	D-8	IC101	J-4	Q301	G-8	TP16	K-3
CN604	G-8	IC102	G-4	Q302	H-8	TP17	L-3
CN605	F-8	IC103	J-6	Q303	G-7	TP18	K-2
CN606	E-8	IC201	E-4	Q305	H-7	TP101	J-3
CN607	B-8	IC202	E-6	Q501	A-8	TP102	G-3
CN608	C-8	IC301	G-7	Q502	B-5	TP103	H-4
CN610	L-8	IC501	A-7	Q503	A-5	TP104	H-6
CN611	A-8	IC502	B-8	Q504	A-6	TP105	H-5
CN612	G-8	IC503	G-6	Q505	B-7	TP106	G-5
		IC504	C-4	Q506	D-4	TP201	G-5
D101	J-3	IC801	F-2	Q507	D-4	TP202	G-3
D103	H-7	IC802	D-3	Q508	B-3	TP203	F-3
D104	G-6	IC803	D-7	Q509	C-4	TP204	E-3
D105	G-7			Q510	D-4	TP205	G-4
D106	H-7	LV201	F-6	Q511	D-5	TP206	E-5
D107	H-7	LV801	F-2	Q512	C-7	TP207	E-7
D108	H-7			Q513	B-5	TP301	F-7
D201	F-5	Q1	L-8	Q801	D-8	TP302	F-7
D301	H-7	Q2	K-8	Q802	C-8	TP501	A-7
D501	A-7	Q4	L-8			TP502	C-5
D502	A-7	Q5	J-8	RV1	L-6	TP503	C-6
D503	A-7	Q6	J-8	RV2	L-5	TP504	C-3
D505	B-4	Q7	J-7	RV3	L-4	TP505	C-4
D506	C-3	Q8	J-6	RV4	K-3	TP506	C-5
D507	B-5	Q9	J-6	RV5	L-3	TP507	D-4
D508	C-8	Q10	K-7	RV6	J-5	TP508	D-3
		Q11	K-7	RV7	L-2	TP509	D-3
DL1	L-6	Q12	L-6	RV8	L-7	TP510	D-5
DL2	K-6	Q13	L-5	RV9	K-7	TP511	D-5
DL101	H-2	Q14	K-4	RV101	G-6	TP801	D-8
DL501	A-3	Q15	K-4	RV201	F-3	TP802	C-8
		Q16	K-3	RV202	F-4		
E2	L-5	Q17	K-3	RV203	F-5	X501	A-4
E3	L-2	Q18	K-3	RV204	F-4		
E201	H-8	Q19	L-4	RV205	F-5		
E202	H-5	Q20	L-4	RV206	F-5		
E203	J-2	Q21	L-3	RV207	F-6		
E204	F-6	Q22	L-3	RV208	E-4		
E501	C-8	Q23	L-3	RV209	E-6		
E502	B-5	Q24	L-7	RV301	F-7		
E503	D-3	Q25	H-1	RV302	F-7		
E504		Q27	L-6	RV501	A-6		
		Q101	H-3	RV502	B-7		
FL1	J-7	Q102	H-3	RV503	D-5		
FL2	J-1	Q103	J-5	RV504	C-4		
FL201	E-5	Q104	H-6	RV505	B-4		
FL202	E-5	Q105	H-6	RV801	G-2		
FL501	A-5	Q106	H-5	RV802	E-2		
FL502	D-6	Q201	G-4	RV803	D-7		
		Q202	G-4				
IC1	J-8	Q203	F-4	S1	K-2		
IC2	J-4	Q204	F-4				
IC3	L-6	Q205	F-4	T501	A-3		
IC4	L-5	Q206	F-5				
IC5	K-4	Q207	F-5	TP11	K-7		
IC6	L-4	Q208	F-5	TP12	L-6		
IC7	K-2	Q209	E-7	TP13	K-7		

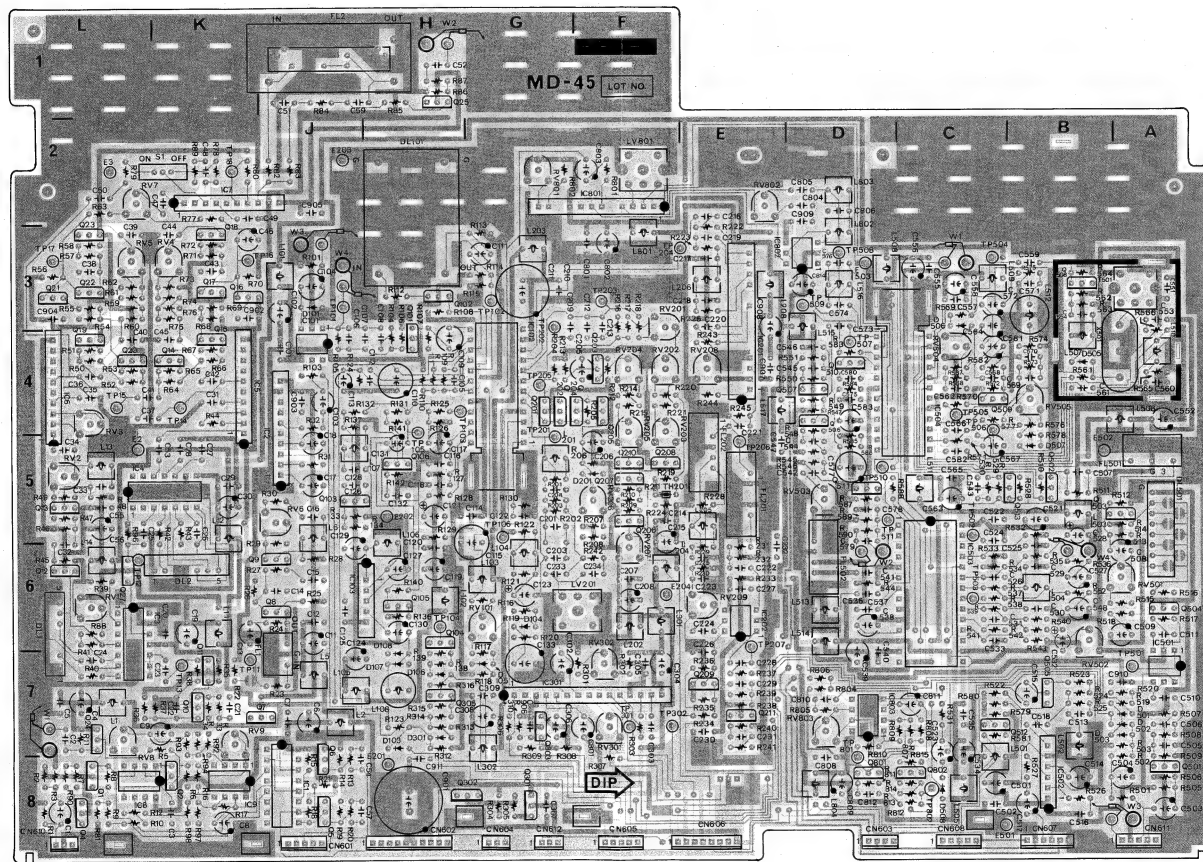
17-11(a)



17-12(a)

MD-45: Y/C MODULATOR

S/N UP TO 10980(EK)



17-12 (a)

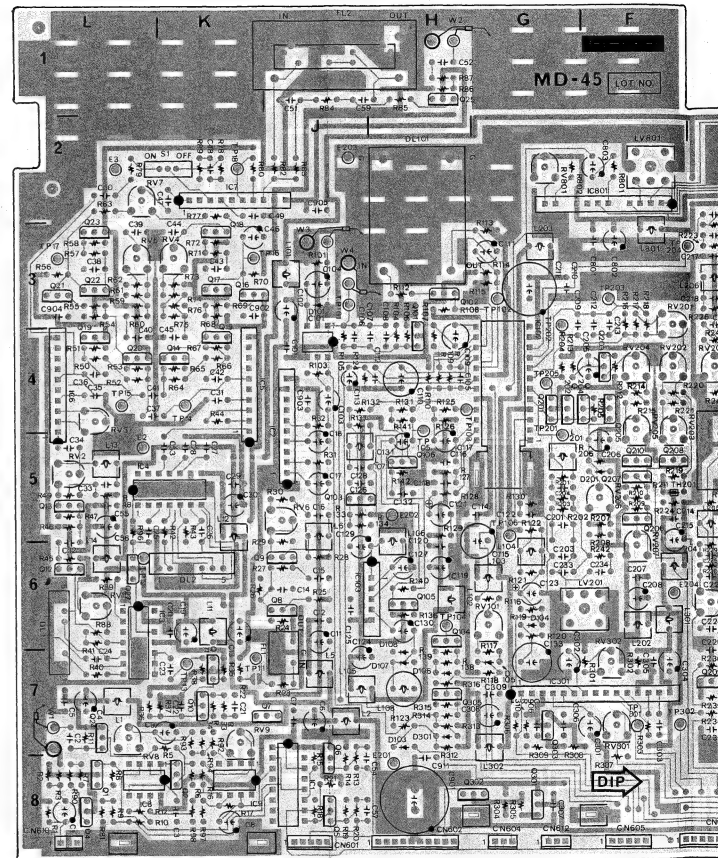
17-13 (a)

MD-45 — COMPONENT SIDE —
 1-622-742-1(11)
 REV. 9/50

MD-45 (1-622-742-12)

CN601	J8	IC8	L8	Q210	F5	TP14	K4
CN602	H8	IC9	K8	Q211	E7	TP15	L4
CN603	D8	IC101	J4	Q301	G8	TP16	K3
CN604	G8	IC102	G4	Q302	H8	TP17	L3
CN605	F8	IC103	J6	Q303	G7	TP18	K2
CN606	E8	IC201	E4	Q305	H7	TP101	J3
CN607	B8	IC202	E6	Q501	A8	TP102	G3
CN608	C8	IC301	G7	Q502	B5	TP103	H4
CN610	L8	IC501	A7	Q503	A5	TP104	H6
CN611	A8	IC502	B8	Q504	A6	TP105	H5
CN612	G8	IC503	C6	Q505	B7	TP106	G5
		IC504	C4	Q506	D4	TP201	G5
D101	J3	IC801	F2	Q507	D4	TP202	G3
D103	H7	IC802	D3	Q508	B3	TP203	F3
D104	G6	IC803	D7	Q509	C4	TP204	E3
D105	G7			Q510	D4	TP205	G4
D106	H7	LV201	F6	Q511	D5	TP206	E5
D107	H7	LV801	F2	Q512	C7	TP207	E7
D108	H7			Q513	B5	TP301	F7
D201	F5	Q1	L8	Q801	D8	TP302	F7
D301	H7	Q2	K8	Q802	C8	TP501	A7
D501	A7	Q4	L8			TP502	C5
D502	A7	Q5	J8	RV1	L6	TP503	C6
D503	A7	Q6	J8	RV2	L5	TP504	C3
D505	B4	Q7	J7	RV3	L4	TP505	C4
D506	C3	Q8	J6	RV4	K3	TP506	C5
D507	B5	Q9	J6	RV5	L3	TP507	D4
D508	C8	Q10	K7	RV6	J5	TP508	D3
DL1	L6	Q12	L6	RV7	L2	TP509	D3
DL2	K6	Q13	L5	RV8	L7	TP510	D5
DL101	H2	Q14	K4	RV9	K7	TP511	D5
DL501	A5	Q15	K4	RV101	G6	TP801	D8
		Q16	K3	RV201	F3	TP802	C8
E2	L5	Q17	K3	RV202	F4		
E3	L2	Q18	K3	RV203	F5	X501	A4
E201	H8	Q19	L4	RV204	F4		
E202	H5	Q20	F5	RV205	F5		
E203	J2	Q21	L3	RV206	F6		
E204	F6	Q22	L3	RV207	F6		
E501	C8	Q23	L3	RV208	E4		
E502	B5	Q24	L7	RV209	E6		
E503	D3	Q25	H1	RV301	F7		
E504		Q27	L6	RV302	F7		
		Q101	H3	RV501	A6		
		Q102	H3	RV502	B7		
FL1	J7	Q103	J5	RV503	D5		
FL2	J1	Q104	H6	RV504	C4		
FL201	E5	Q105	H6	RV505	B4		
FL202	A5	Q106	H5	RV801	G2		
FL501	E5	Q107	H5	RV802	E2		
FL502	D6	Q201	G4	RV803	D7		
		Q202	G4				
IC1	J8	Q203	F4	S1	K2		
IC2	J4	Q204	F4				
IC3	L6	Q205	F4	T501	A3		
IC4	L5	Q206	F5				
IC5	K4	Q207	F5	TP11	K7		
IC6	L4	Q208	F5	TP12	L6		
IC7	K2	Q209	E7	TP13	K7		

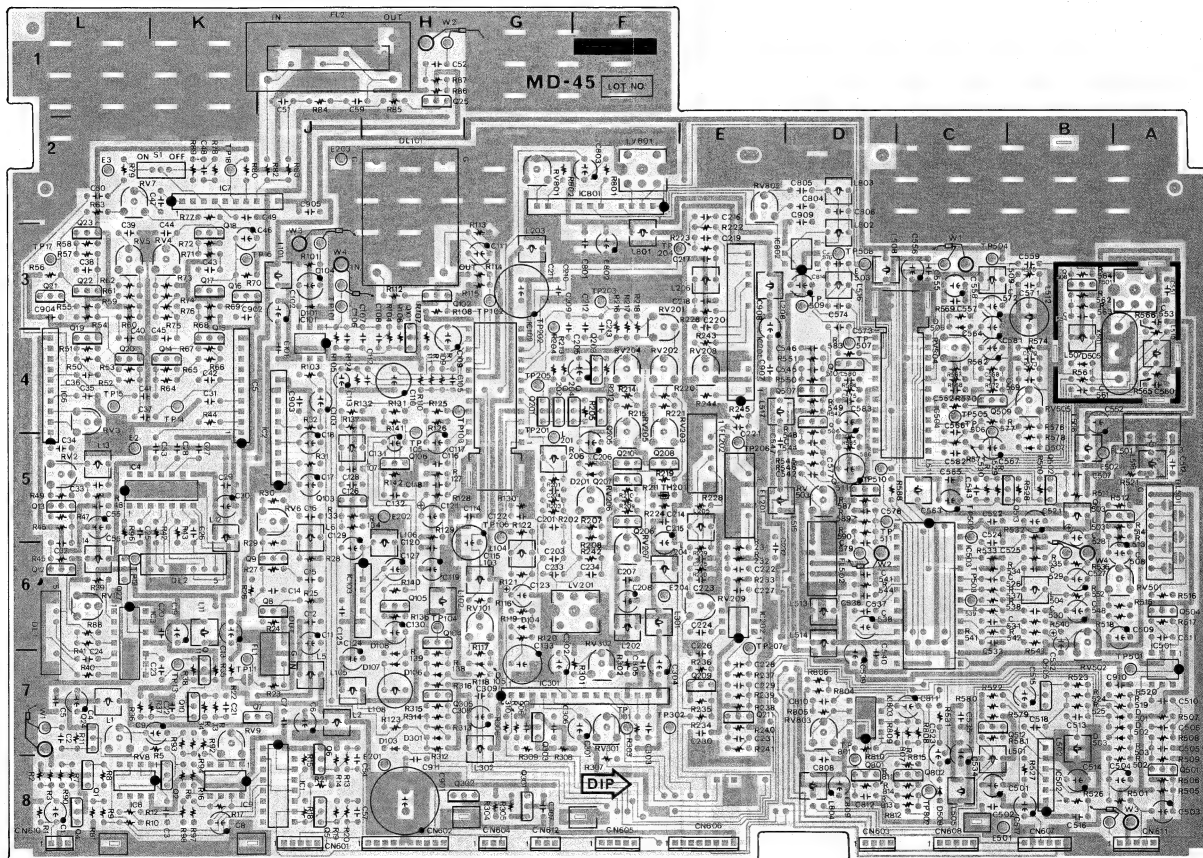
17-11(b)



17-12(b)

MD-45: Y/C MODULATOR

S/N 10981 AND HIGHER(EK)



MD-45 —COMPONENT SIDE—
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 BYU:9509

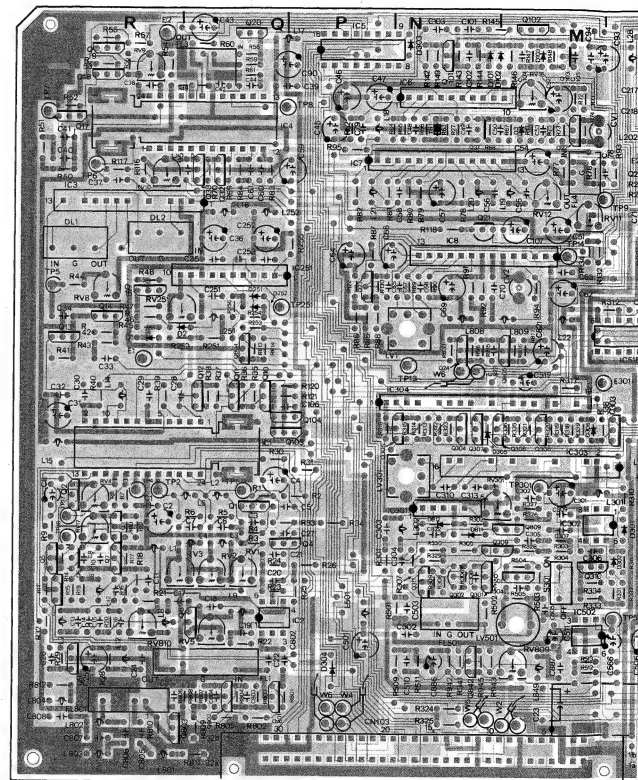
17-12(b)

17-13(b)

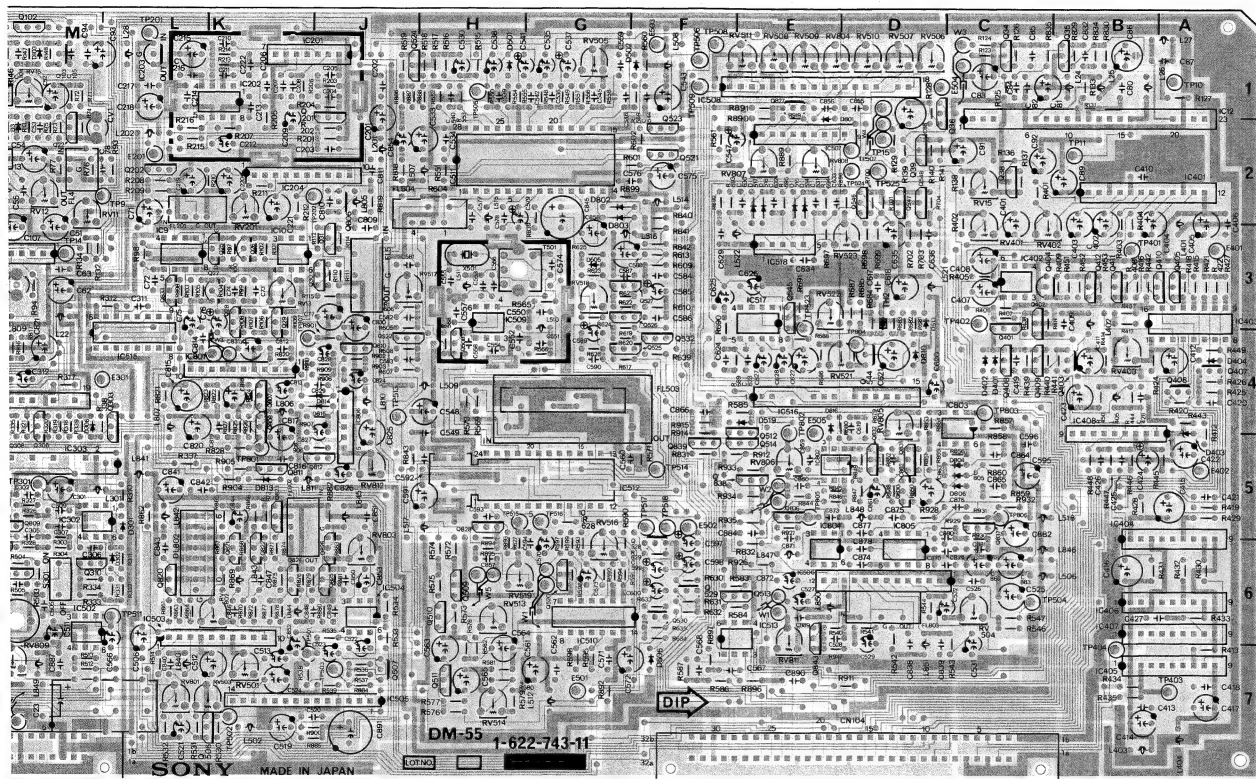
DM55 (1622-74311)

CN103	N-7	E502	D-1	IC517	E-3	Q301	N-6	Q810	J-4	RV522	E-3	TP524	D-2
CN104	D-7	E503	F-1	IC518	E-3	Q302	N-6	Q811	K-5	RV523	D-3	TP525	D-2
		E504	F-5	IC801	K-4	Q303	L-4	Q812	J-5	RV801	L-7	TP801	K-5
CV1	M-2	E505	E-4	IC802	E-4	Q304	N-4	Q820	L-6	RV802	K-6	TP802	E-4
CV2	M-3			IC803	C-4	Q305	N-4	Q821	K-6	RV803	J-6	TP803	C-4
		FL1	Q-7	IC804	E-6	Q306	M-4	Q822	K-6	RV804	E-1	TP804	D-4
D1	R-4	FL3	Q-1	IC805	D-6	Q307	N-4	Q823	K-5	RV805	D-4	TP805	E-5
D2	R-4	FL4	M-2	IC806	J-4	Q308	M-4	Q824	K-6	RV806	E-5	TP806	C-5
D3	M-2	FL5	J-3			Q309	M-6	Q825	J-6	RV807	E-2	TP807	K-4
D101	N-1	FL201	L-2	LV1	N-4	Q310	M-6	Q826	J-6	RV808	E-2		
D102	N-1	FL501	N-6	LV301	N-5	Q311	N-6	Q827	E-1	RV809	M-7	X501	H-3
D103	M-1	FL503	G-4	LV501	M-6	Q401	C-4	Q828	H-5	RV810	R-6		
D251	Q-3	FL504	H-2			Q402	C-3	Q830	D-5	RV811	E-7		
D252	Q-3	FL801	R-7	Q1	Q-5	Q403	B-4	Q831	D-5	RV812	J-5		
D301	L-5	FL802	K-5	Q2	R-5	Q404	C-3	Q832	D-5				
D302	L-5	FL803	D-6	Q3	R-5	Q405	A-3	Q836	E-5	S301	M-6		
D303	N-1			Q4	P-6	Q406	A-4	Q837	C-5				
D304	P-7	IC1	Q-5	Q5	R-6	Q407	A-4	Q838	E-5	T501	G-3		
D305	N-5	IC2	Q-6	Q6	R-6	Q408	C-4	Q839	F-5				
D306	M-4	IC3	R-2	Q7	R-6	Q409	C-4	Q842	N-7	TP1	Q-5		
D401	C-4	IC4	Q-2	Q8	Q-6	Q410	A-3	Q843	E-6	TP2	R-5		
D402	C-4	IC5	P-1	Q9	R-7	Q411	B-3			TP4	R-5		
D403	A-4	IC6	N-1	Q10	Q-4	Q412	B-3	RV1	Q-6	TP5	R-3		
D404	A-4	IC7	N-2	Q11	Q-4	Q501	M-6	RV2	Q-6	TP6	R-2		
D501	H-1	IC8	N-3	Q12	Q-4	Q506	K-7	RV3	R-6	TP7	R-2		
D502	F-1	IC9	L-3	Q13	R-4	Q507	J-7	RV4	R-5	TP8	P-1		
D505	G-3	IC10	K-3	Q14	R-3	Q508	H-4	RV5	Q-6	TP9	L-2		
D506	F-7	IC12	B-2	Q15	R-6	Q509	H-6	RV8	R-3	TP10	A-1		
D513	D-3	IC201	J-1	Q16	R-3	Q510	H-6	RV9	R-1	TP11	B-2		
D514	E-2	IC202	K-1	Q17	R-2	Q511	H-7	RV10	R-2	TP13	N-4		
D515	E-2	IC203	L-1	Q18	R-1	Q512	E-5	RV11	M-2	TP14	M-3		
D516	E-2	IC204	K-2	Q19	R-1	Q513	E-6	RV12	M-2	TP15	D-2		
D517	E-2	IC251	Q-3	Q20	Q-1	Q514	E-5	RV13	K-3	TP17	R-5		
D519	E-4	IC301	N-5	Q21	N-3	Q520	G-6	RV15	C-2	TP18	R-5		
D801	E-2	IC302	L-5	Q22	M-2	Q521	F-2	RV16	M-1	TP201	L-1		
D802	G-2	IC303	M-5	Q23	P-3	Q522	J-4	RV17	R-5	TP202	J-2		
D803	G-2	IC304	N-4	Q24	N-4	Q523	F-2	RV201	K-2	TP251	Q-3		
D804	C-5	IC401	B-2	Q25	K-3	Q524	J-1	RV251	R-3	TP301	M-5		
D805	C-5	IC402	C-3	Q26	K-3	Q525	F-4	RV301	M-5	TP401	B-3		
D806	C-5	IC403	A-3	Q27	K-3	Q526	F-3	RV401	C-3	TP402	C-3		
D810	D-4	IC404	A-5	Q28	K-3	Q527	F-3	RV402	C-3	TP403	A-7		
D811	N-5	IC405	A-7	Q29	K-3	Q528	F-6	RV403	B-4	TP404	B-7		
D812	N-5	IC406	A-6	Q30	J-3	Q529	F-6	RV501	K-7	TP501	K-7		
D813	K-5	IC407	A-6	Q31	J-3	Q530	F-6	RV503	K-7	TP502	K-7		
D814	J-4	IC408	B-4	Q32	Q-2	Q532	F-4	RV504	C-6	TP503	J-7		
D815	J-4	IC502	M-6	Q33	Q-2	Q544	D-4	RV505	G-1	TP504	C-6		
D816	E-4	IC503	K-6	Q34	C-1	Q545	E-3	RV506	D-1	TP505	H-1		
		IC504	J-6	Q35	B-1	Q546	D-2	RV507	D-2	TP506	F-1		
DL1	R-3	IC505	K-7	Q36	D-1	Q547	D-2	RV508	E-1	TP507	D-2		
DL2	R-3	IC506	D-6	Q37	N-2	Q548	D-2	RV509	E-1	TP508	F-1		
DL802	L-6	IC507	E-2	Q38	C-2	Q801	Q-7	RV510	D-1	TP509	F-1		
		IC508	E-1	Q39	D-2	Q802	Q-7	RV511	E-1	TP511	L-6		
E1	R-4	IC509	H-3	Q101	N-1	Q803	R-7	RV513	H-6	TP513	J-4		
E2	R-1	IC510	G-6	Q102	M-1	Q804	Q-4	RV514	H-7	TP514	F-5		
E201	L-2	IC511	G-2	Q103	M-1	Q805	M-4	RV516	G-6	TP515	G-5		
E301	L-4	IC512	G-5	Q104	P-4	Q806	J-2	RV517	J-3	TP516	G-5		
E401	A-2	IC513	E-6	Q105	P-5	Q807	K-4	RV518	G-3	TP517	F-5		
E402	A-4	IC515	L-4	Q201	J-2	Q808	K-4	RV519	G-6	TP518	F-5		
E501	G-7	IC516	E-4	Q202	L-2	Q809	M-5	RV521	D-4	TP523	E-3		

17-17(a)



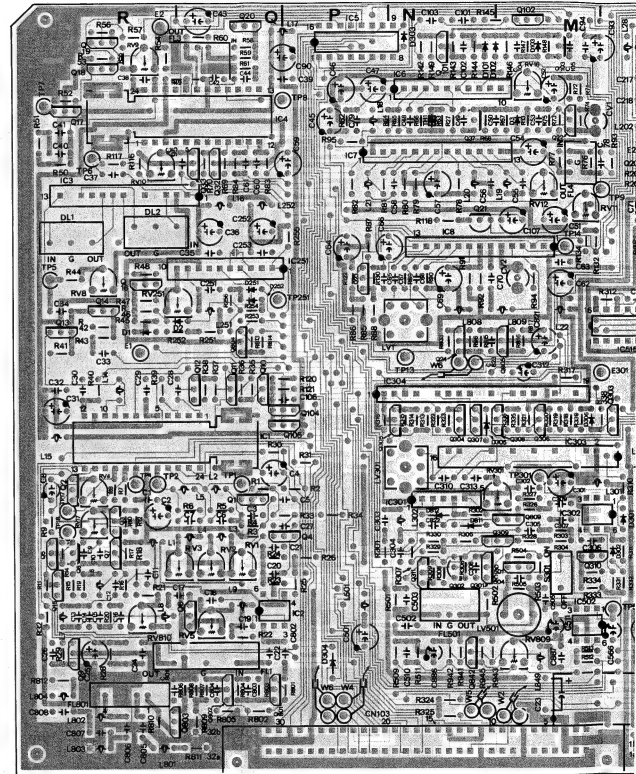
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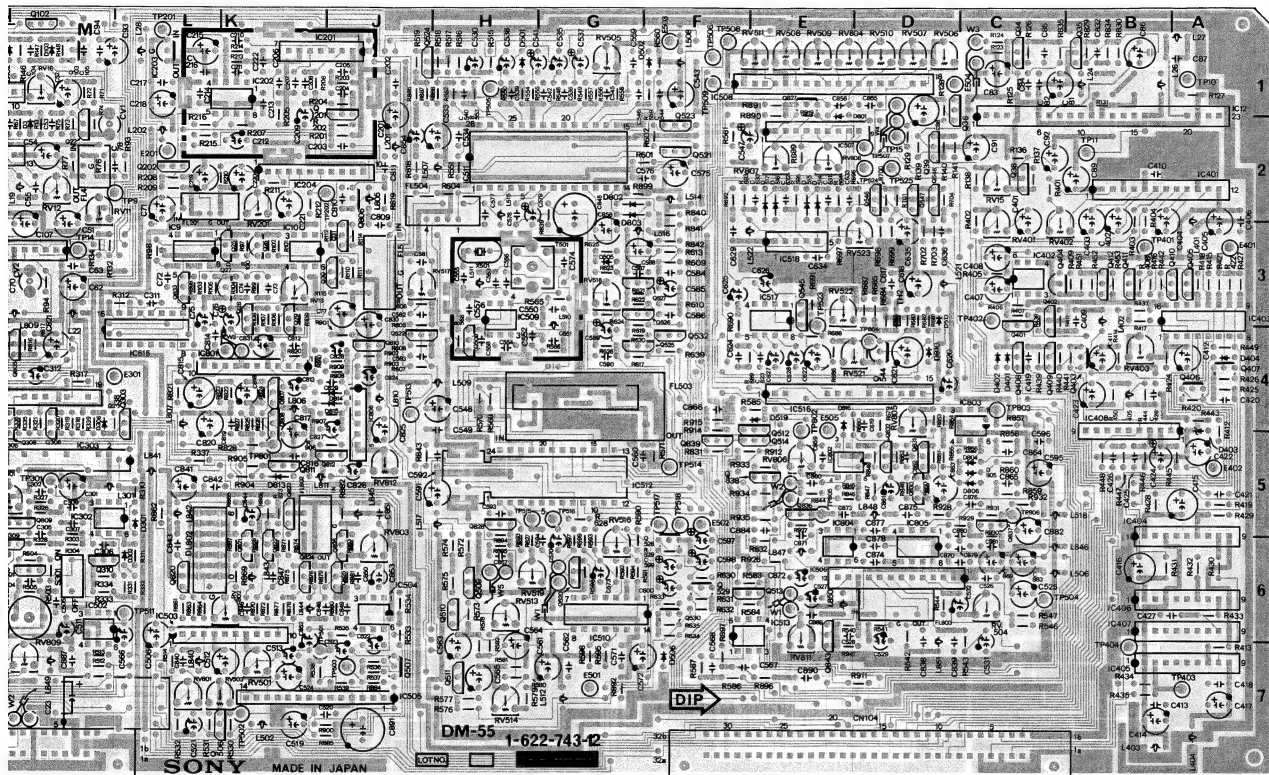


DM-55 (1-622-743-12)

CN103	D-7	E502	D-1	IC517	E-3	Q301	N-6	Q810	J-4	RV522	E-3	TP524	D-2
CN104	N-7	E503	F-1	IC518	E-3	Q302	N-6	Q811	K-5	RV523	D-3	TP525	D-2
		E504	F-5	IC801	K-4	Q303	L-4	Q812	J-5	RV801	L-7	TP801	K-5
CV1	M-2	E505	E-4	IC802	E-5	Q304	N-4	Q820	L-6	RV802	K-6	TP802	E-4
CV2	M-3			IC803	C-4	Q305	N-4	Q821	K-6	RV803	J-6	TP803	C-4
		FL1	Q-7	IC804	E-6	Q306	M-4	Q822	K-6	RV804	E-1	TP804	D-4
D1	R-4	FL3	Q-1	IC805	D-6	Q307	N-4	Q823	K-5	RV805	D-1	TP805	E-5
D2	R-4	FL4	M-2	IC806	J-4	Q308	M-4	Q824	K-6	RV806	E-5	TP806	C-5
D3	M-2	FL5	J-3			Q309	M-6	Q825	J-6	RV807	E-2		
D101	N-1	FL201	L-2	LV1	N-4	Q310	M-6	Q826	J-6	RV808	E-2	X501	H-3
D102	N-1	FL501	N-6	LV301	N-5	Q311	N-6	Q827	E-1	RV809	M-7		
D103	M-1	FL503	G-4	LV501	M-6	Q401	C-4	Q828	H-5	RV810	R-6		
D251	Q-3	FL504	H-2			Q403	B-4	Q831	D-5	RV811	E-7		
D252	Q-3	FL801	R-7	Q1	Q-5	Q403	B-4	Q831	D-5	RV812	J-5		
D301	L-5	FL802	K-5	Q2	R-5	Q404	C-3	Q832	D-5				
D302	L-6	FL803	D-6	Q3	R-5	Q405	A-3	Q836	E-5	S301	M-6		
D303	N-1			Q4	P-6	Q406	A-4	Q837	C-5				
D304	P-7	IC1	Q-5	Q5	R-6	Q407	A-4	Q838	E-5	T501	G-3		
D305	N-5	IC2	Q-6	Q6	R-6	Q408	C-4	Q839	F-5				
D306	M-4	IC3	R-2	Q7	R-6	Q409	C-4	Q842	N-7				
D401	C-4	IC4	Q-2	Q8	Q-6	Q410	A-3	Q843	E-6	TP1	Q-5		
D402	C-4	IC5	P-1	Q9	R-7	Q411	B-3			TP2	R-5		
D403	A-4	IC6	N-1	Q10	Q-4	Q412	B-3	RV1	Q-6	TP3	R-5		
D404	A-4	IC7	N-2	Q11	Q-4	Q501	M-6	RV2	Q-6	TP6	R-2		
D501	H-1	IC8	N-3	Q12	Q-4	Q506	K-7	RV3	R-6	TP7	R-2		
D502	F-1	IC9	L-3	Q13	R-4	Q507	J-7	RV4	R-5	TP8	P-1		
D505	G-3	IC10	K-3	Q14	R-3	Q508	H-4	RV5	Q-6	TP9	L-2		
D506	F-7	IC12	B-2	Q15	R-6	Q509	H-6	RV8	R-3	TP10	A-1		
D513	D-3	IC201	J-1	Q16	R-3	Q510	H-6	RV9	R-1	TP11	B-2		
D514	E-2	IC202	K-1	Q17	R-2	Q511	H-7	RV10	R-2	TP13	N-4		
D515	E-2	IC203	L-1	Q18	R-1	Q512	E-5	RV11	M-2	TP14	M-3		
D516	E-2	IC204	K-2	Q19	R-1	Q513	E-6	RV12	M-2	TP15	D-2		
D517	E-2	IC251	Q-3	Q20	Q-1	Q514	E-5	RV13	K-3	TP17	R-5		
D519	E-4	IC301	N-5	Q21	N-3	Q520	G-6	RV15	C-2	TP18	R-5		
D801	E-2	IC302	L-5	Q22	M-2	Q521	F-2	RV16	M-1	TP201	L-1		
D802	G-2	IC303	M-5	Q23	P-3	Q522	J-4	RV17	R-5	TP202	J-2		
D803	G-2	IC304	N-4	Q24	N-4	Q523	F-2	RV201	K-2	TP251	Q-3		
D804	C-5	IC401	B-2	Q25	K-3	Q524	J-1	RV251	R-3	TP301	M-5		
D805	C-5	IC402	C-3	Q26	K-3	Q525	F-4	RV301	M-5	TP401	B-3		
D806	C-5	IC403	A-3	Q27	K-3	Q526	F-3	RV401	C-3	TP402	C-3		
D810	D-4	IC404	A-5	Q28	K-3	Q527	F-3	RV402	C-3	TP403	A-7		
D811	N-5	IC405	A-7	Q29	K-3	Q528	F-6	RV403	B-4	TP404	B-7		
D812	N-5	IC406	A-6	Q30	J-3	Q529	F-6	RV501	K-7	TP501	K-7		
D813	K-5	IC407	A-6	Q31	J-3	Q530	F-6	RV503	K-7	TP502	K-7		
D814	J-4	IC408	A-4	Q32	Q-2	Q532	F-4	RV504	C-6	TP503	J-7		
D815	J-4	IC502	M-6	Q33	Q-2	Q544	D-4	RV505	G-1	TP504	C-6		
D816	E-4	IC503	K-6	Q34	C-1	Q545	E-3	RV506	D-1	TP505	H-1		
		IC504	J-6	Q35	B-1	Q546	D-2	RV507	D-2	TP506	F-1		
DL1	R-3	IC505	K-7	Q36	D-1	Q547	D-2	RV508	E-1	TP507	D-2		
DL2	R-3	IC506	D-6	Q37	N-2	Q548	D-2	RV509	E-1	TP508	F-1		
DL802	L-6	IC507	E-2	Q38	C-2	Q801	Q-7	RV510	D-1	TP509	F-1		
		IC508	E-1	Q39	D-2	Q802	Q-7	RV511	E-1	TP511	L-6		
E1	R-4	IC509	H-3	Q101	N-1	Q803	R-7	RV513	H-6	TP513	J-4		
E2	R-1	IC510	G-6	Q102	M-1	Q804	Q-4	RV514	H-7	TP514	F-5		
E201	L-2	IC511	G-2	Q103	M-1	Q805	M-4	RV516	G-6	TP515	G-5		
E301	L-4	IC512	G-5	Q104	P-4	Q806	J-2	RV517	J-3	TP516	G-5		
E401	A-2	IC513	E-6	Q105	P-5	Q807	K-4	RV518	G-3	TP517	F-5		
E402	A-4	IC515	L-4	Q201	J-2	Q808	K-4	RV519	G-6	TP518	F-5		
E501	G-7	IC516	E-4	Q202	L-2	Q809	M-5	RV521	D-4	TP523	E-3		

17-17(b)

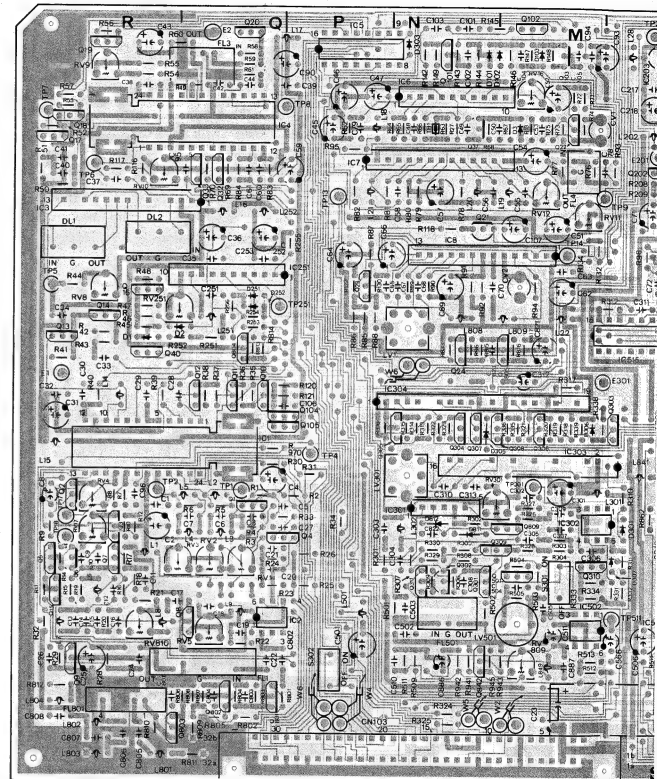




DM-55 (1-622-743-13,14,15)

CN103	N-7	E503	F-1	IC518	E-3	Q301	N-6	Q810	J-4	RV521	D-4	TP523	E-3
CN104	D-7	E504	D-1	IC801	K-4	Q302	N-6	Q811	K-5	RV522	E-3	TP524	D-2
		E505	E-5	IC802	E-5	Q303	L-4	Q812	J-5	RV523	D-3	TP525	D-2
CV1	M-2			IC803	C-4	Q304	N-4	Q820	L-6	RV801	L-7	TP801	K-5
CV2	M-3	FL1	Q-7	IC804	E-6	Q305	N-4	Q821	K-6	RV802	K-6	TP802	E-4
		FL3	Q-1	IC805	D-6	Q306	M-4	Q822	K-6	RV803	J-6	TP803	C-4
D1	R-4	FL4	M-2	IC806	J-4	Q307	N-4	Q823	K-5	RV804	E-1	TP804	D-4
D2	R-4	FL5	J-3			Q308	N-4	Q824	K-6	RV805	D-4	TP805	E-5
D3	M-2	FL201	L-2	LV1	N-4	Q309	N-6	Q825	J-6	RV806	E-5	TP806	C-5
D101	N-1	FL501	N-6	LV301	N-5	Q310	M-6	Q826	J-6	RV807	E-2		
D102	N-1	FL503	G-4	LV501	M-5	Q311	N-6	Q827	E-1	RV808	E-2	X501	H-3
D103	M-1	FL504	H-2			Q401	C-4	Q828	H-5	RV809	M-7		
D251	Q-3	FL801	R-7		Q1	Q402	C-3	Q830	D-5	RV810	R-6		
D252	Q-3	FL802	K-5		Q2	Q403	B-4	Q831	D-5	RV811	E-7		
D301	L-5	FL803	D-6		Q3	Q404	C-3	Q832	D-5				
D302	L-6				Q4	Q405	A-3	Q833	L-3	S301	M-6		
D303	N-1	IC1	Q-5		Q5	Q406	A-4	Q836	E-5	S302	P-7		
D305	N-5	IC2	Q-6		Q6	Q407	A-4	Q837	C-5				
D306	M-4	IC3	R-2		Q7	Q408	C-4	Q838	E-5	T501	G-3		
D401	C-4	IC4	Q-2		Q8	Q409	C-4	Q839	F-5				
D402	C-4	IC5	P-1		Q9	Q410	A-3	Q842	N-7	TP1	Q-5		
D403	A-4	IC6	N-1		Q10	Q411	B-3	Q843	E-6	TP2	R-5		
D404	A-4	IC7	N-2		Q11	Q412	B-3			TP3	R-3		
D501	H-1	IC8	N-3		Q12	Q4	Q501	M-6	RV1	Q-6			
D502	F-1	IC9	L-3		Q13	R-4	Q506	K-7	RV2	Q-6	TP6	R-2	
D505	G-3	IC10	K-3		Q14	R-3	Q507	J-7	RV3	R-6	TP7	R-1	
D506	F-7	IC12	B-2		Q15	R-6	Q508	H-4	RV4	R-5	TP8	P-1	
D513	D-3	IC201	J-1		Q16	R-3	Q509	H-6	RV5	Q-6	TP9	L-2	
D514	E-2	IC202	K-1		Q17	R-1	Q510	H-6	RV8	R-3	TP10	A-1	
D515	E-2	IC203	L-1		Q18	R-1	Q511	H-7	RV9	R-1	TP11	B-2	
D516	E-2	IC204	K-2		Q19	R-1	Q512	E-5	RV10	R-2	TP13	P-2	
D517	E-2	IC251	Q-3		Q20	Q-1	Q513	E-6	RV11	M-2	TP14	M-3	
D519	E-4	IC301	N-5		Q21	N-3	Q514	E-5	RV12	M-2	TP15	D-2	
D801	E-2	IC302	M-5		Q22	M-2	Q520	G-6	RV13	K-3	TP17	R-5	
D802	G-2	IC303	M-5		Q23	P-3	Q521	F-2	RV15	C-2	TP18	R-5	
D803	G-2	IC304	N-4		Q24	N-4	Q522	J-4	RV16	M-1	TP201	L-1	
D804	C-5	IC401	B-2		Q25	K-3	Q523	F-2	RV17	R-5	TP202	J-2	
D805	C-5	IC402	A-3		Q26	K-3	Q524	J-1	RV201	K-2	TP251	Q-3	
D806	C-3	IC403	A-3		Q27	K-3	Q525	F-4	RV251	R-3	TP301	M-5	
D810	D-4	IC404	A-5		Q28	K-3	Q526	F-3	RV301	N-5	TP401	B-3	
D811	N-5	IC405	A-7		Q29	K-3	Q527	F-3	RV401	C-3	TP402	C-3	
D812	N-5	IC406	A-6		Q30	J-3	Q528	F-6	RV402	C-3	TP403	A-7	
D813	K-5	IC407	A-6		Q31	J-3	Q529	F-6	RV403	B-4	TP404	B-7	
D814	J-4	IC408	B-4		Q32	Q-2	Q530	F-6	RV501	K-7	TP501	K-7	
D815	J-4	IC502	M-6		Q33	Q-2	Q532	F-4	RV503	K-7	TP502	K-7	
D816	E-4	IC503	K-6		Q34	C-1	Q544	D-4	RV504	C-6	TP503	J-7	
		IC504	J-6		Q35	B-1	Q545	E-3	RV505	G-1	TP504	C-6	
DL1	R-3	IC505	K-7		Q36	D-1	Q546	D-2	RV506	D-1	TP505	H-1	
DL2	R-3	IC506	D-6		Q37	N-2	Q547	D-2	RV507	D-1	TP506	D-1	
DL802	L-6	IC507	E-2		Q38	C-2	Q548	D-2	RV508	E-1	TP507	D-2	
		IC508	E-1		Q39	D-2	Q801	Q-7	RV509	E-1	TP508	F-1	
E1	R-4	IC509	H-3		Q40	R-4	Q802	Q-7	RV510	D-1	TP509	F-1	
E2	R-1	IC510	G-6		Q101	N-1	Q803	R-7	RV511	E-1	TP511	L-6	
E201	L-2	IC511	G-2		Q102	M-1	Q804	R-7	RV513	H-6	TP513	J-4	
E301	L-4	IC512	G-5		Q103	M-1	Q805	M-4	RV514	H-7	TP514	F-5	
E401	B-3	IC513	E-6		Q104	P-4	Q806	J-2	RV516	G-6	TP515	H-5	
E402	A-6	IC515	L-4		Q105	P-5	Q807	K-4	RV517	J-3	TP516	G-5	
E501	G-7	IC516	E-4		Q201	J-1	Q808	K-4	RV518	G-3	TP517	F-5	
E502	F-5	IC517	E-3		Q202	L-2	Q809	M-5	RV519	H-6	TP518	F-5	

17-17(c)

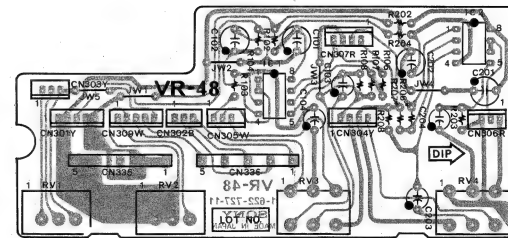
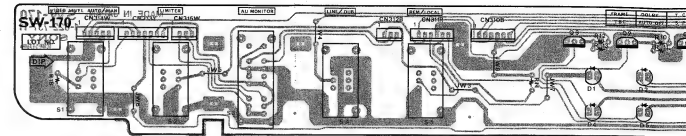


17-18(c)

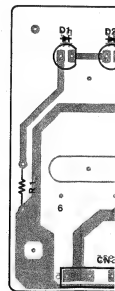


DM-55 — COMPONENT SIDE
1-622-743-13, 14, 15(1)
BVU-950P

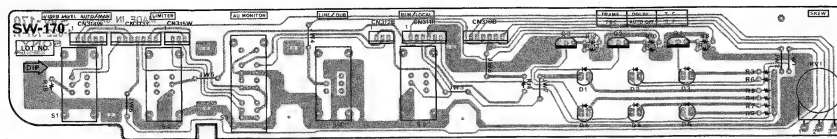
SW-170: SELECT SWITCH/WARNING INDICATOR
 VR-48: VIDEO/AUDIO/TRACKING LEVEL CONTROL
 MT-28: VIDEO/AUDIO/LEVEL METER



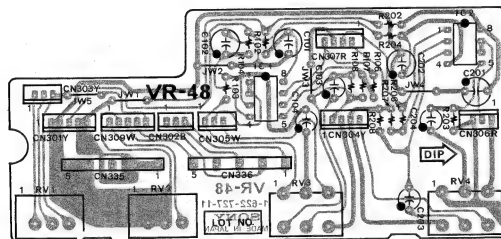
VR-48 - COMPONENT SIDE -
 100-72711 (2U)
 BV0-850
 BV0-850



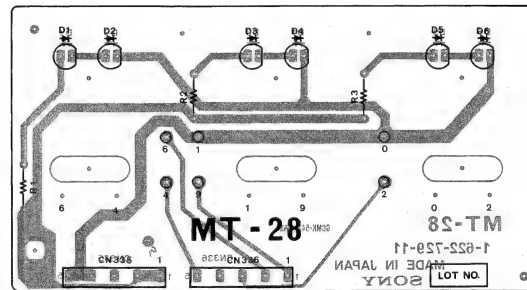
SW-170: SELECT SWITCH/WARNING INDICATOR
VR-48: VIDEO/AUDIO/TRACKING LEVEL CONTROL
MT-28: VIDEO/AUDIO/LEVEL METER



SW-170 —COMPONENT SIDE—
1-622-737-11 (1)
BVU-950
BVU-950P



VR-48 —COMPONENT SIDE—
1-622-737-11 (1,12(1))
BVU-950
BVU-950P



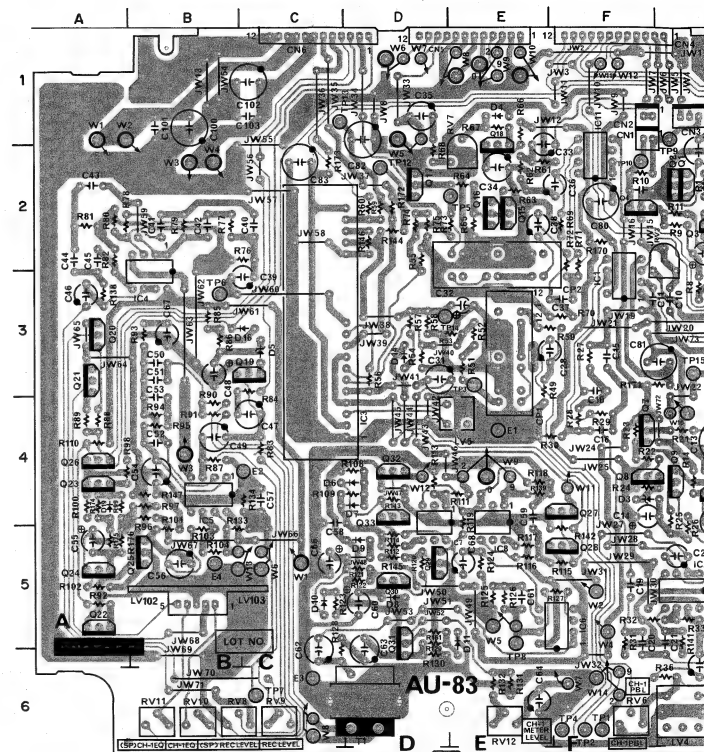
MT-28 —COMPONENT SIDE—
1-622-737-11 (1)
BVU-950
BVU-950P

AU-83A; CH-1 REC/PB /DOLBY PROCESSOR
DUS-71; VARIABLE COIL

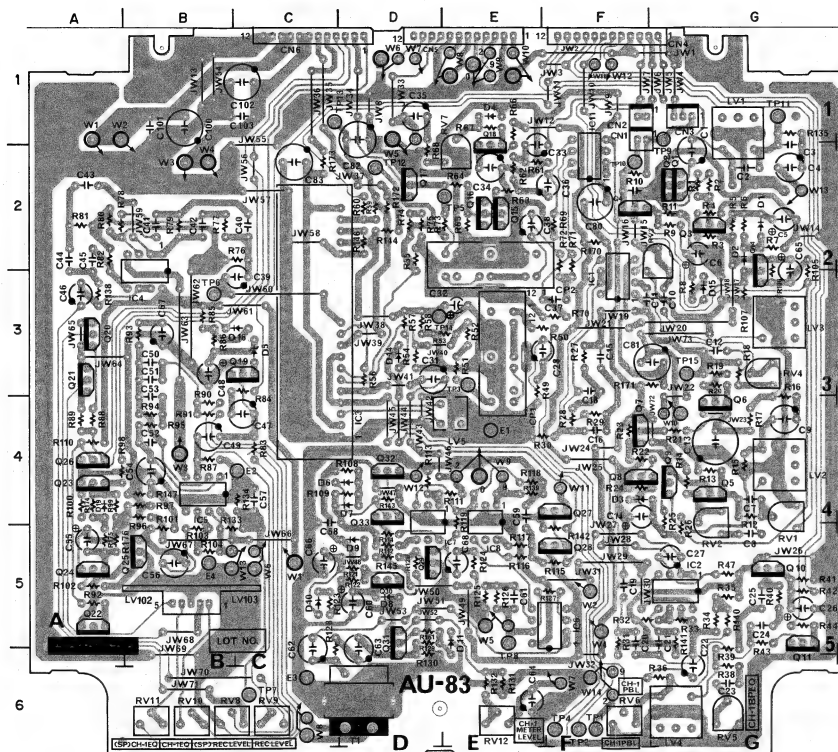
S/N UP TO 11280(EK)

AU-83A (1-622-700-11)

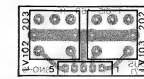
CN1	F1	Q11	G5
CN2	F1	Q14	G2
CN3	G1	Q15	E2
CN4	F1	Q16	E2
CN5	E1	Q17	D2
CN6	C1	Q18	E1
CP1	E3	Q20	A3
CP2	E2	Q21	A3
		Q22	A5
D1	G2	Q23	A4
D2	G2	Q24	A5
D3	F4	Q25	B5
D4	C1	Q26	F4
D5	C3	Q27	F4
D6	D4	Q28	F5
D7	D4	Q29	D5
D8	D5	Q30	D5
D9	D5	Q31	D5
D10	G5	Q32	D4
D11	E5	Q33	D4
D12	D3		
D15	G3	RV1	G5
D16	G3	RV2	G5
D17	G4	RV3	G2
		RV4	G3
E1	E4	RV5	G6
E2	C4	RV6	F6
E3	C6	RV7	E2
E4	B5	RV8	B6
		RV9	B6
IC1	F3	RV10	B6
IC2	G5	RV11	B6
IC3	C3	RV12	E6
IC4	B2		
IC5	B4	T1	D6
IC6	F5		
IC7	D5	TP1	F6
IC8	F5	TP2	F6
IC11	E2	TP3	E3
		TP4	F6
LV1	G1	TP5	E2
LV2	G4	TP6	B3
LV3	G3	TP7	C6
LV4	G6	TP8	E5
LV5	E4	TP9	G1
LV102	B5	TP10	F2
LV103	B5	TP11	G3
		TP12	D2
Q1	G2	TP13	C1
Q2	G2	TP14	D3
Q3	G2	TP15	G3
Q4	F2		
Q5	G4		
Q6	G4		
Q7	F4		
Q8	F4		
Q9	G4		
Q10	G5		



S/N UP TO 11280(EK)



AU-83/A —COMPONENT SIDE
1-622-700-11(1)
BVU-950
BVU-950P



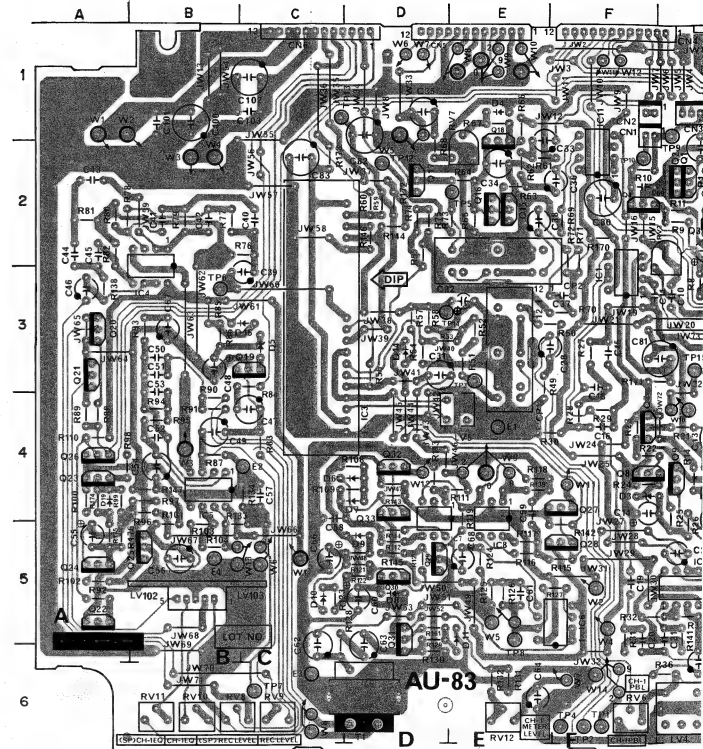
DUS-71 —COMPONENT SIDE
1-615-169-11(1)
BVU-950
BVU-950P

AU-83A: CH-1 REC/PB /DOLBY PROCESSOR
DUS-71: VARIABLE COIL

S/N 11281 TO 12080 (EK)

AU-83A(1-622-700-12)

CN1	F-1	Q11	G-5
CN2	F-1	Q14	G-2
CN3	G-1	Q15	E-2
CN4	F-1	Q16	E-2
CN5	E-1	Q17	D-2
CN6	C-1	Q19	C-3
CP1	E-3	Q20	A-3
CP2	E-2	Q21	A-3
		Q22	A-5
D1	G-2	Q23	A-4
D2	G-2	Q24	A-5
D3	F-4	Q25	B-5
D4	E-1	Q26	A-4
D5	C-3	Q27	F-4
D6	D-4	Q28	F-5
D7	D-4	Q29	D-5
D8	D-5	Q30	D-5
D9	D-5	Q31	D-5
D10	C-5	Q32	D-4
D11	E-5	Q33	D-4
D14	D-3		
D15	G-3	RV1	G-5
D16	C-3	RV2	G-5
D19	A-4	RV3	G-2
		RV4	G-3
		RV5	G-6
E2	C-4	RV6	F-6
E3	C-6	RV7	E-2
E4	B-5	RV8	B-6
		RV9	C-6
IC1	F-3	RV10	B-6
IC2	G-5	RV11	B-6
IC3	C-3	RV12	E-6
IC4	B-2		
IC5	B-4	T1	D-6
IC6	F-5		
IC7	D-5	TP1	F-6
IC8	E-5	TP2	F-6
IC11	F-2	TP3	E-3
		TP4	F-6
LV1	G-1	TP5	E-2
LV2	G-4	TP6	B-3
LV3	G-3	TP7	C-6
LV4	G-6	TP8	E-5
LV5	E-4	TP9	G-1
LV102	B-5	TP10	F-2
LV103	B-5	TP11	G-1
		TP12	D-2
Q1	G-2	TP13	C-1
Q2	G-2	TP14	D-3
Q3	G-2	TP15	G-3
Q4	F-2		
Q5	G-4		
Q6	G-4		
Q7	F-4		
Q8	F-4		
Q9	G-4		
Q10	G-5		



AU-83A: CH-1 REC/PB /DOLBY PROCESSOR
DUS-71: VARIABLE COIL

S/N 11281 TO 12080 (EK)

G-5
G-2
E-2
D-2
E-1
C-3
A-3
A-5
A-4
A-5
B-5
A-4
F-4
F-5
D-5
D-5
D-4
D-4

G-5
G-5
G-2
G-3
G-6
F-6
E-2
B-6
C-6
B-6
B-6
E-6

D-6

F-6

E-3

F-6

E-2

C-6

E-5

G-1

F-2

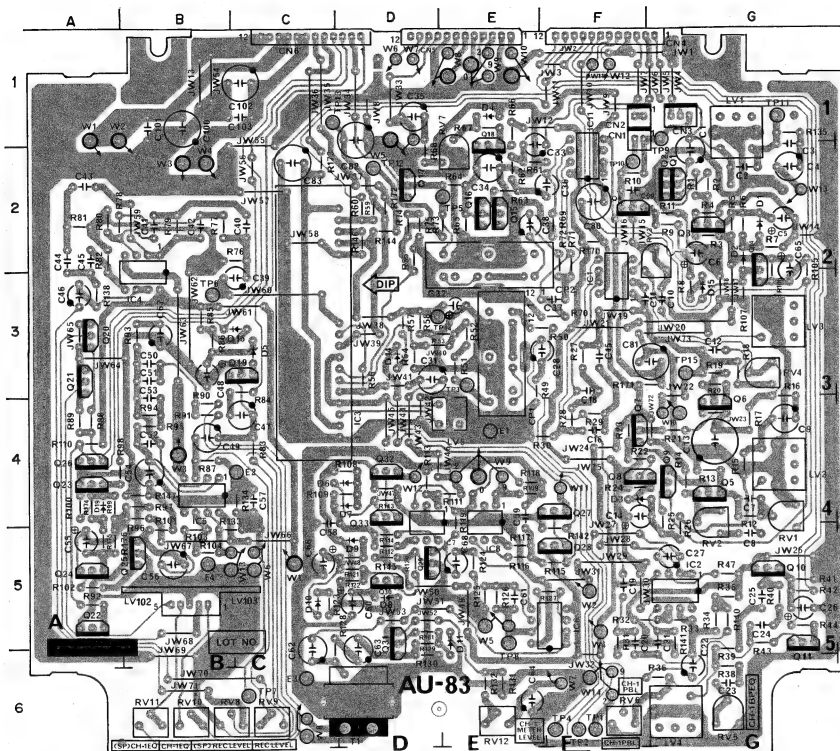
G-1

D-2

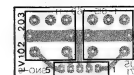
C-1

D-3

G-3



AU-83/A - COMPONENT SIDE -
1-622-700-1 (21)
BVU-950
BVU-950P



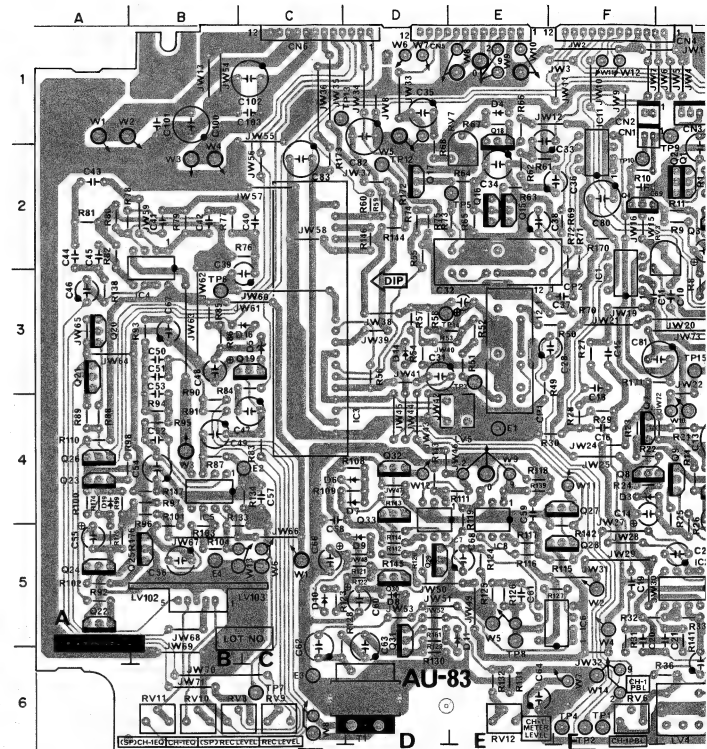
DUS-71 - COMPONENT SIDE -
1-615-168-1 (11)
BVU-950
BVU-950P

AU-83A: CH-1 REC/PB/DOLBY PROCESSOR
DUS-71: VARIABLE COIL

S/N 12081 AND HIGHER (EK)

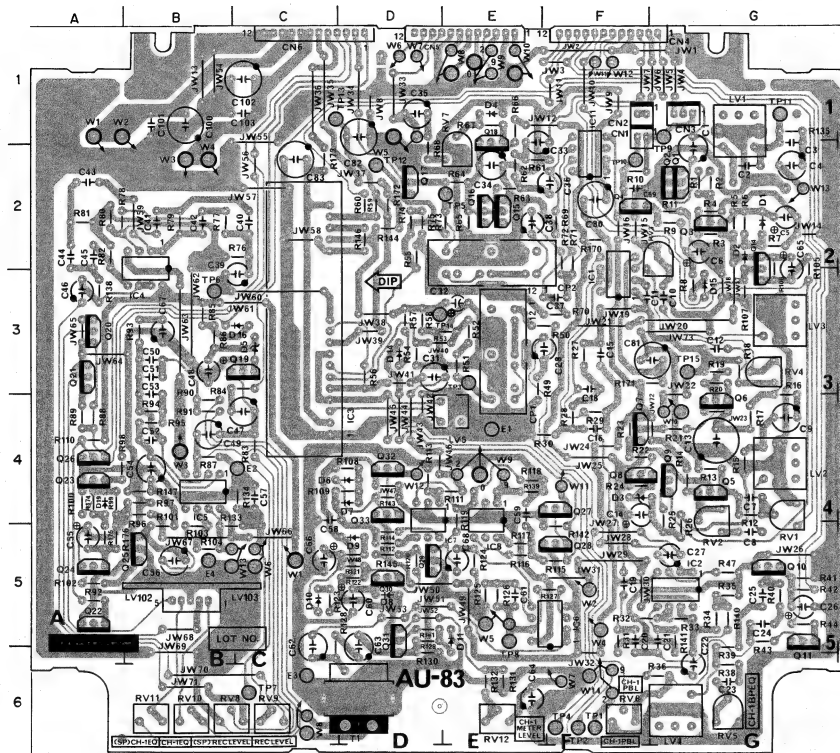
AU-83A(1-622-700-13)

CN1	F-1	Q11	G-5
CN2	F-1	Q14	G-2
CN3	G-1	Q15	E-2
CN4	F-1	Q16	E-2
CN5	E-1	Q17	D-2
CN6	C-1	Q18	E-2
		Q19	C-3
CP1	E-3	Q20	A-3
CP2	E-2	Q21	A-3
		Q22	A-5
D1	G-2	Q23	A-3
D2	G-2	Q24	A-5
D3	F-4	Q25	B-5
D4	E-1	Q26	A-4
D5	C-3	Q27	F-4
D6	D-4	Q28	F-5
D7	D-4	Q29	D-5
D8	D-5	Q30	D-5
D9	D-5	Q31	D-5
D10	C-5	Q32	D-4
D11	E-5	Q33	D-4
D14	D-3		
D15	G-3	RV1	G-4
D16	C-3	RV2	G-5
D19	A-4	RV3	G-2
		RV4	G-3
E1	E-4	RV5	G-6
E2	C-4	RV6	F-6
E3	C-6	RV7	E-2
E4	B-5	RV8	B-6
		RV9	C-6
IC1	F-3	RV10	B-6
IC2	G-5	RV11	B-6
IC3	C-3	RV12	E-6
IC4	B-3		
IC5	B-4	T1	D-6
IC6	F-5		
IC7	D-5	TP1	F-6
IC8	E-5	TP2	F-6
IC11	F-2	TP3	E-3
		TP4	F-6
LV1	G-1	TP5	E-2
LV2	G-4	TP6	B-3
LV3	G-3	TP7	C-6
LV4	G-6	TP8	E-5
LV5	E-4	TP9	G-1
LV102	B-5	TP10	F-2
LV103	B-5	TP11	G-1
		TP12	D-2
Q1	G-2	TP13	C-1
Q2	G-2	TP14	D-3
Q3	G-2	TP15	G-3
Q4	F-2		
Q5	G-4		
Q6	G-4		
Q7	F-4		
Q8	F-4		
Q9	G-4		
Q10	G-5		

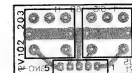


AU-83A; CH-1 REC/PB/DOLBY PROCESSOR
DUS-71: VARIABLE COIL

S/N 12081 AND HIGHER (EK)



AU-83/A —COMPONENT SIDE—
1-622-700-13(1)
BVU-950
BVU-950P



DUS-71 —COMPONENT SIDE—
1-611-10-11, 12(1)
BVU-950
BVU-950P

AU-84A: CH-2 REC/PB AMPLIFIER

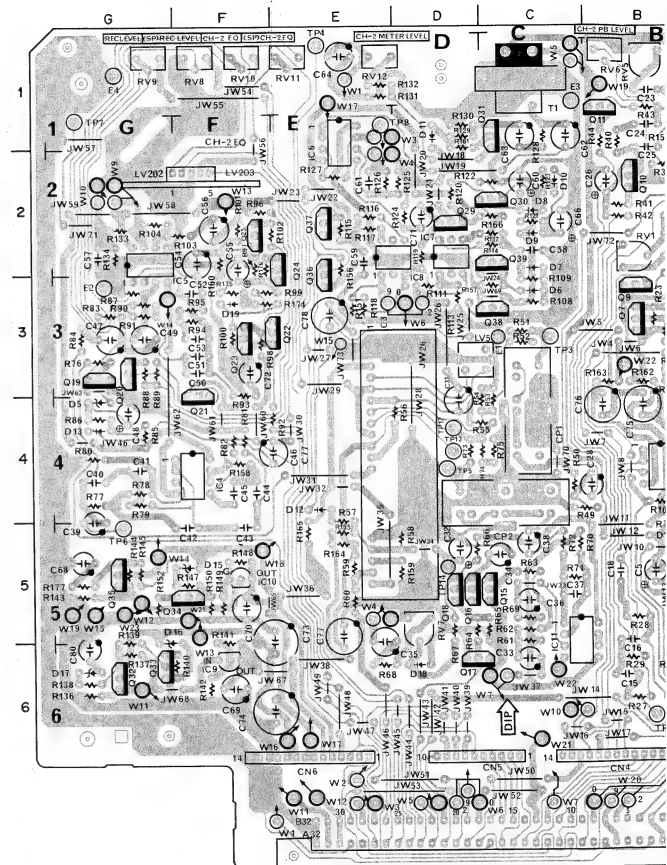
DUS-71: VARIABLE COIL

HN-77: JUNCTION BOARD

S/N UP TO 11280(EK)

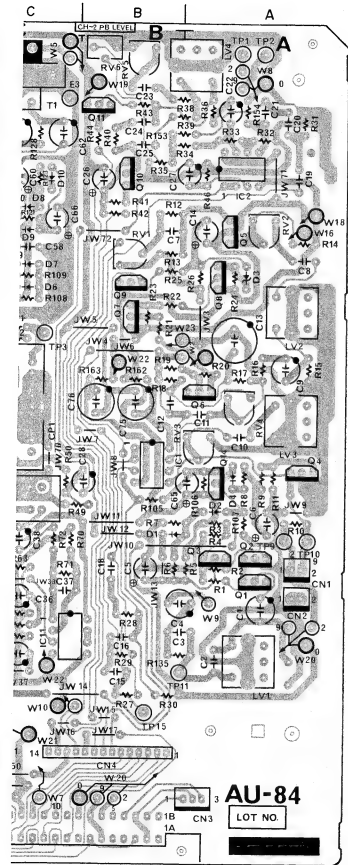
AU-84A (1-622-701-11)

CN1	A-5	Q7	B-3
CN2	A-5	Q8	A-3
CN3	A-6	Q9	B-3
CN4	B-6	Q10	B-2
CN5	D-6	Q11	B-1
CN6	E-6	Q14	A-4
		Q15	C-5
CP1	C-4	Q16	D-5
CP2	C-4	Q17	D-6
		Q18	D-5
D1	B-5	Q19	G-3
D2	A-4	Q20	G-3
D3	A-3	Q21	F-4
D4	A-4	Q22	F-3
D5	G-4	Q23	F-3
D6	C-3	Q24	E-2
D7	C-2	Q25	F-2
D8	C-2	Q29	D-2
D9	C-2	Q30	C-2
D10	C-2	Q31	C-1
D11	D-1	Q32	G-6
D12	E-4	Q33	G-6
D13	G-4	Q34	F-5
D15	F-5	Q35	G-5
D16	G-5	Q36	E-2
D17	G-6	Q37	E-2
D18	D-6	Q38	C-3
D19	F-3	Q39	C-2
E1	C-3	RV1	B-2
E2	G-3	RV2	A-2
E3	C-1	RV3	A-4
E4	G-1	RV4	A-4
		RV5	B-1
IC1	B-4	RV6	B-1
IC2	A-2	RV7	D-5
IC3	E-3	RV8	F-1
IC4	F-4	RV9	G-1
IC5	G-2	RV10	F-1
IC6	E-1	RV11	E-1
IC7	D-2	RV12	E-1
IC8	E-2		
IC9	F-6	T1	C-1
IC10			
IC11	C-6	TP1	A-1
		TP2	A-1
LV1	A-6	TP3	C-3
LV2	A-3	TP4	E-1
LV3	A-4	TP5	D-4
LV4	A-1	TP6	G-5
LV5	D-3	TP7	G-1
LV202	F-2	TP8	E-1
LV203	F-2	TP9	A-5
		TP10	A-5
Q1	A-5	TP11	B-6
Q2	A-5	TP12	D-4
Q3	A-5	TP13	D-4
Q4	A-4	TP14	D-5
Q5	A-2	TP15	B-6
Q6	A-4		

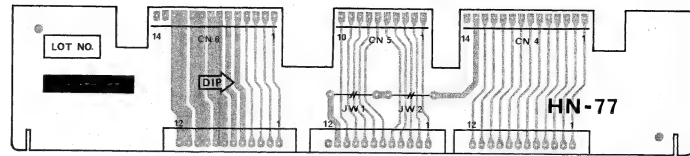


AU-84A,DUS-71,HN-77

AU-84A,DUS-71,HN-77



AU-84/A —COMPONENT SIDE—
1-422-701-1(11)
BVU-950
BVU-950P



HN-77 —COMPONENT SIDE—
1-422-724-1(11)
BVU-950
BVU-950P



DUS-71 —COMPONENT SIDE—
1-422-701-1(11)
BVU-950
BVU-950P

17-40 (a)

AU-84A: CH-2 REC/PB AMPLIFIER

S/N 11281 TO 12080 (EK)

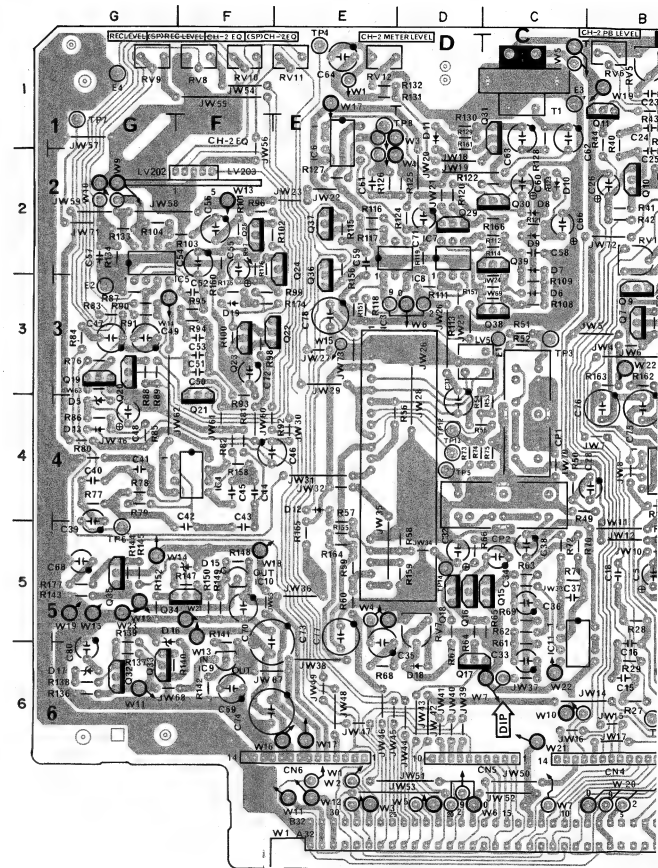
DUS-71: VARIABLE COIL

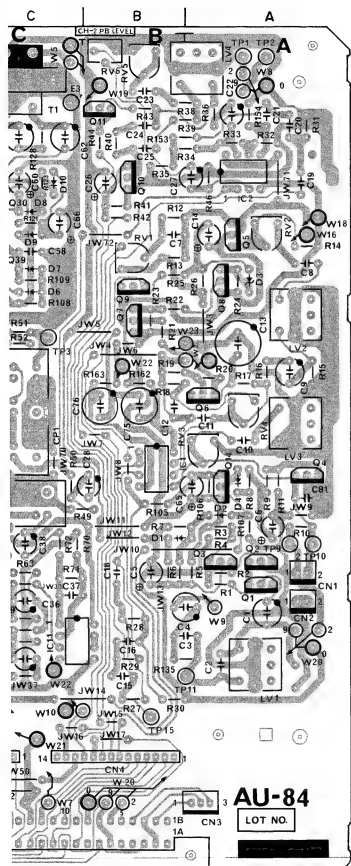
HN-77: JUNCTION BOARD

AU-84A(1-622-701-12)

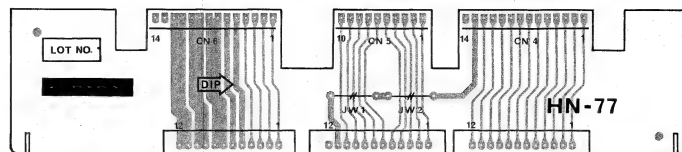
CN1	A-5	Q7	B-3
CN2	A-5	Q8	A-3
CN3	A-6	Q9	B-3
CN4	B-6	Q10	B-2
CN5	D-6	Q11	B-1
CN6	E-6	Q14	A-4
CP1	C-4	Q16	D-5
CP2	C-4	Q17	D-6
		Q18	D-5
D1	B-5	G-3	
D2	A-4	Q20	G-3
D3	A-3	Q21	F-4
D4	A-4	Q22	F-3
D5	G-4	Q23	F-3
D6	C-3	Q24	E-2
D7	C-2	Q25	F-2
D8	C-2	Q29	D-2
D9	C-2	Q30	C-2
D10	C-2	Q31	C-1
D11	D-1	Q32	G-6
D12	E-4	Q33	G-6
D13	G-4	Q34	F-5
D15	F-5	Q35	G-5
D16	G-5	Q36	E-2
D17	G-6	Q37	E-2
D18	D-6	Q38	C-3
D19	F-3	Q39	C-2
E1	C-3	RV1	B-2
E2	G-3	RV2	A-2
E3	C-1	RV3	A-4
E4	G-1	RV4	A-4
		RV5	B-1
IC1	B-4	RV6	B-1
IC2	A-2	RV7	D-5
IC3	E-3	RV8	F-1
IC4	F-4	RV9	G-1
IC5	G-2	RV10	F-1
IC6	E-1	RV11	E-1
IC7	D-2	RV12	E-1
IC8	E-2		
IC9	F-6	T1	C-1
IC10	F-5		
IC11	C-6	TP1	A-1
		TP2	A-1
LV1	A-6	TP3	C-3
LV2	A-3	TP4	E-1
LV3	A-4	TP5	D-4
LV4	A-1	TP6	G-5
LV5	D-3	TP7	G-1
LV202	F-2	TP8	E-1
LV203	F-2	TP9	A-5
		TP10	A-5
Q1	A-5	TP11	B-6
Q2	A-5	TP12	D-4
Q3	A-5	TP13	D-4
Q4	A-4	TP14	D-5
Q5	A-2	TP15	B-6
Q6	A-4		

17-37(b)





AU-84/A —COMPONENT SIDE—
1-622-701-12(1)
BVU-950
BVU-950P



HN-77 —COMPONENT SIDE—
1-622-724-11(1)
BVU-950
BVU-950P



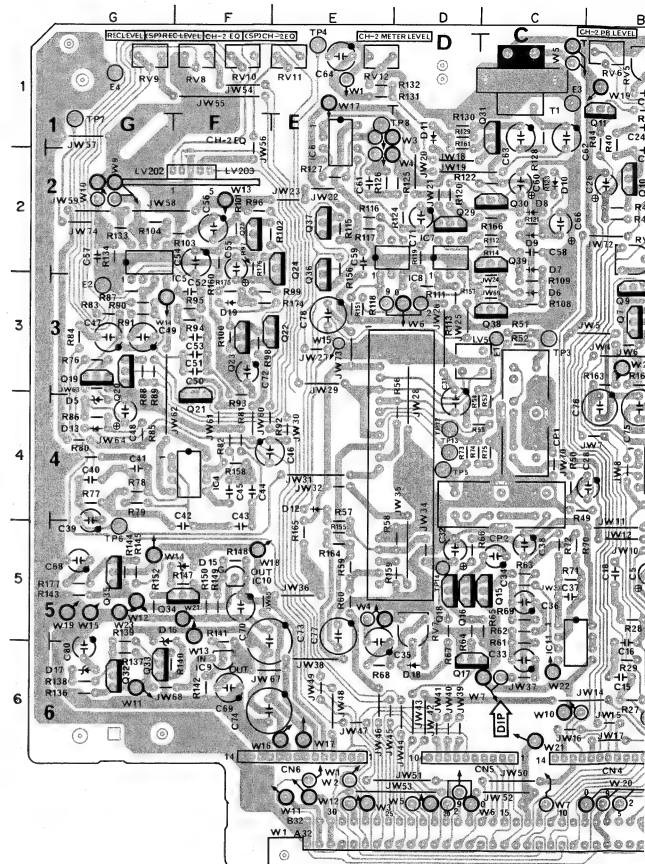
DUS-71 —COMPONENT SIDE—
1-615189-11(1)
BVU-950
BVU-950P

AU-84A: CH-2 REC/PB AMPLIFIER
DUS-71: VARIABLE COIL
HN-77: JUNCTION BOARD

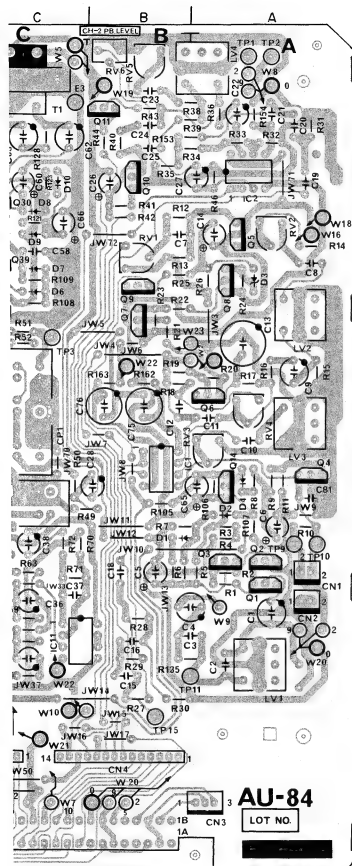
AU-84A(1-622-701-13)

CN1	A-5	Q7	B-3
CN2	A-5	Q8	A-3
CN3	A-6	Q9	B-3
CN4	B-6	Q10	B-2
CN5	D-6	Q11	B-1
CN6	E-6	Q14	A-4
		Q15	C-5
CP1	C-4	Q16	D-5
CP2	C-4	Q17	D-6
		Q18	D-5
D1	B-5	Q19	G-3
D2	A-4	Q20	G-3
D3	A-3	Q21	F-4
D4	A-4	Q22	F-3
D5	G-4	Q23	F-3
D6	C-3	Q24	E-2
D7	C-2	Q25	F-2
D8	C-2	Q29	D-2
D9	C-2	Q30	C-2
D10	C-2	Q31	C-1
D11	D-1	Q32	G-6
D12	E-4	Q33	G-6
D13	G-4	Q34	F-5
D15	F-5	Q35	G-5
D16	G-5	Q36	E-2
D17	G-6	Q37	E-2
D18	D-6	Q38	C-3
D19	F-3	Q39	C-2
E1	C-3	RV1	B-2
E2	G-3	RV2	A-2
E3	C-1	RV3	A-4
E4	G-1	RV4	A-4
		RV5	B-1
IC1	B-4	RV6	B-1
IC2	A-2	RV7	D-5
IC3	D-3	RV8	F-1
IC4	F-4	RV9	G-1
IC5	G-2	RV10	F-1
IC6	E-1	RV11	E-1
IC7	D-2	RV12	E-1
IC8	E-2		
IC9	F-6	T1	C-1
IC10	F-5		
IC11	C-6	TP1	A-1
		TP2	A-1
LV1	A-6	TP3	C-3
LV2	A-3	TP4	E-1
LV3	A-4	TP5	D-4
LV4	A-1	TP6	G-5
LV5	D-3	TP7	G-1
LV202	F-2	TP8	E-1
LV203	F-2	TP9	A-5
		TP10	A-5
Q1	A-5	TP11	B-6
Q2	A-5	TP12	D-4
Q3	A-5	TP13	D-4
Q4	A-4	TP14	D-5
Q5	A-2	TP15	B-6
Q6	A-4		

17-37 (c)

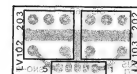
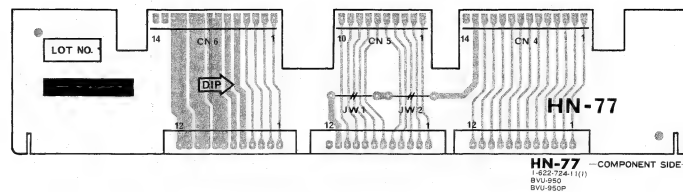


17-38 (c)



AU-84/A —COMPONENT SIDE—
1-422-701-13(1)
BVU-850
BVU-850P

17-39 (c)

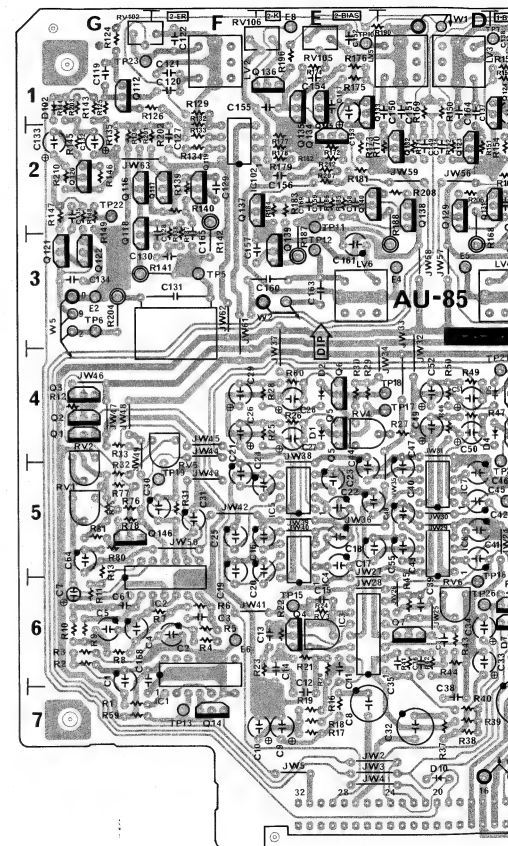


DUS-71 —COMPONENT SIDE—
1-422-701-11, 12(1)
BVU-850
BVU-850P

17-40 (c)

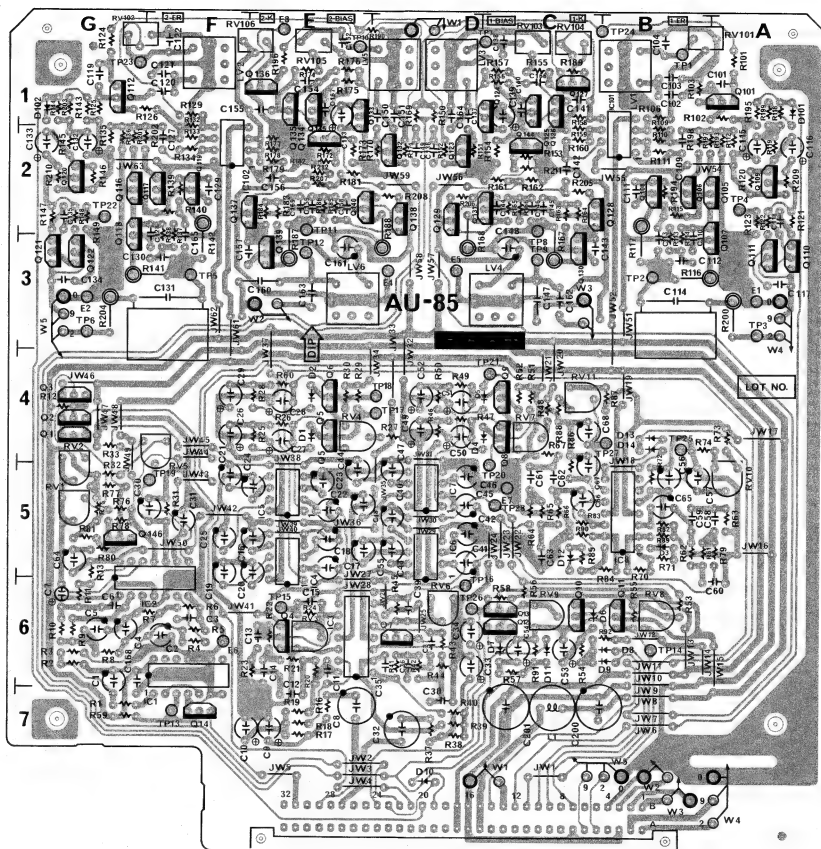
AU-85A (1-622-702-11)

D1	E-4	Q106	B-2	TP6	G-3
D2	E-4	Q107	A-2	TP7	C-1
D3	B-5	Q108	B-2	TP8	C-2
D4	C-4	Q109	A-1	TP9	C-3
D5	C-4	Q110	A-3	TP10	E-1
D6	C-6	Q111	A-3	TP11	E-2
D7	C-6	Q112	G-1	TP12	E-3
D8	B-6	Q116	G-2	TP13	F-7
D9	B-6	Q117	F-2	TP14	B-6
D10	D-7	Q118	G-2	TP15	E-6
D11	C-6	Q119	F-2	TP16	D-6
D12	C-5	Q120	G-2	TP17	D-4
D13	B-4	Q121	G-3	TP18	D-4
D14	B-4	Q122	G-3	TP19	F-5
D101	A-1	Q123	D-2	TP20	C-4
D102	G-1	Q124	C-1	TP21	C-4
		Q125	C-1	TP22	G-2
E1	A-3	Q126	C-1	TP23	G-1
E2	G-3	Q127	C-1	TP24	B-1
E4	D-3	Q128	C-2	TP25	B-4
E5	D-3	Q129	D-2	TP26	D-6
E6	F-6	Q130	C-3	TP27	B-4
E7	C-5	Q131	C-2	TP28	C-5
E8	E-1	Q132	D-2		
		Q133	E-1		
IC1	F-6	Q134	E-1		
IC2	F-6	Q135	E-1		
IC3	E-6	Q136	E-1		
IC4	E-5	Q137	F-2		
IC5	E-5	Q138	D-2		
IC6	D-5	Q139	E-3		
IC7	D-5	Q140	E-2		
IC8	B-5	Q144	C-2		
IC101	B-1	Q145	E-2		
IC102	F-2	Q146	G-5		
LV1	B-1	RV1	G-5		
LV2	F-1	RV2	G-5		
LV3	D-1	RV3	E-6		
LV4	C-3	RV4	E-4		
LV5	D-1	RV5	F-4		
LV6	F-3	RV6	D-6		
		RV7	C-4		
Q1	G-4	RV8	B-6		
Q2	G-4	RV9	C-6		
Q3	G-4	RV10	A-5		
Q4	E-6	RV11	C-4		
Q5	E-4	RV101	B-1		
Q6	E-4	RV102	G-1		
Q7	D-6	RV103	C-1		
Q8	C-4	RV104	C-1		
Q9	C-4	RV105	E-1		
Q10	C-6	RV106	E-1		
Q11	B-6				
Q12	C-6	TP1	B-1		
Q13	C-6	TP2	B-3		
Q14	F-7	TP3	A-3		
Q101	A-1	TP4	A-2		
Q105	A-2	TP5	F-3		



AU-85A: DOLBY AUTO DETECTOR, BIAS OSCILLATOR

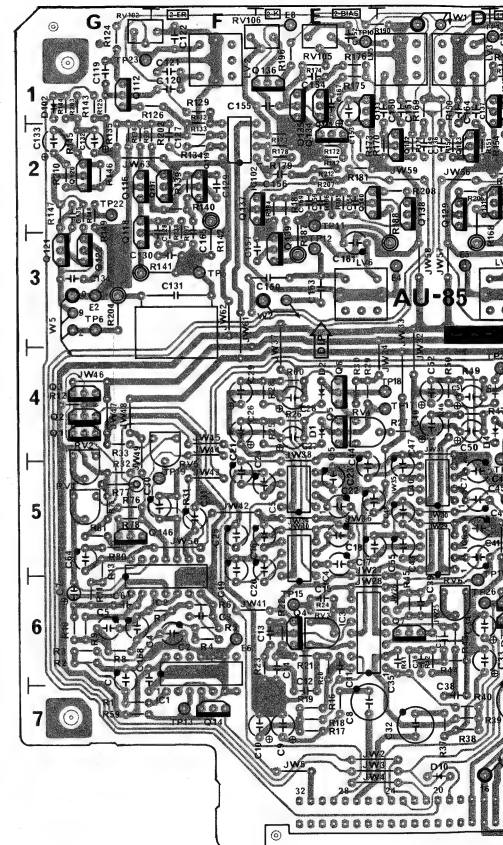
S/N UP TO 11280(EK)



AU-85/A —COMPONENT SIDE—
 1422 100-1 (1)
 RVU-952
 RVU-952P

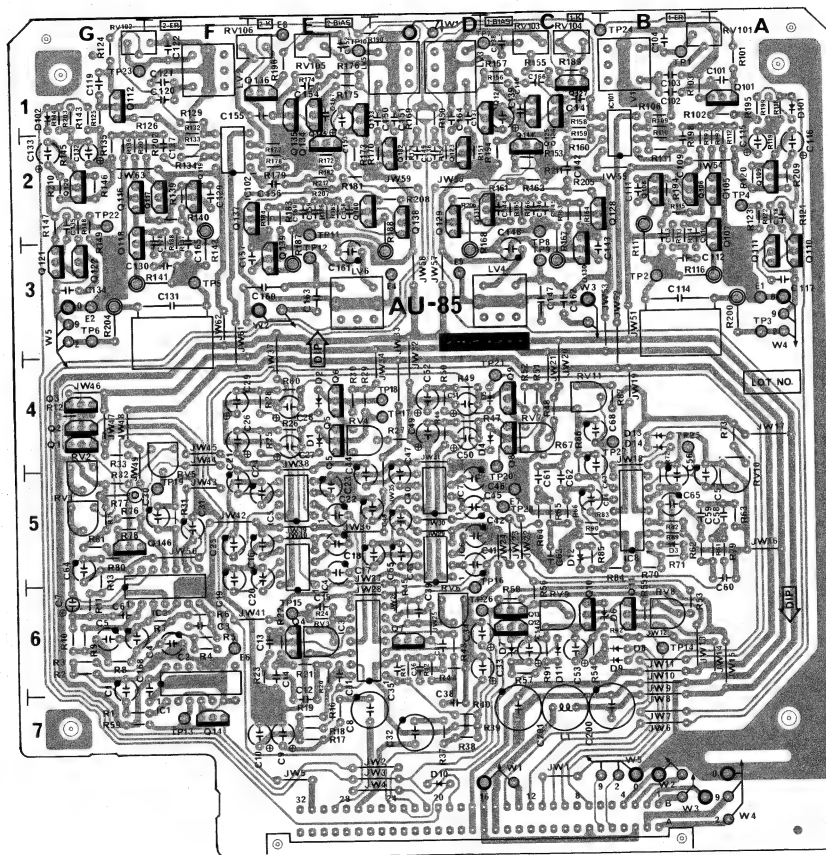
AU-85A(1-622-702-12)

D1	E-4	Q106	B-2	TP6	G-3
D2	E-4	Q107	A-2	TP7	C-1
D3	B-5	Q108	B-2	TP8	C-2
D4	C-4	Q109	A-1	TP9	C-3
D5	C-4	Q110	A-3	TP10	E-1
D6	C-6	Q111	A-3	TP11	E-2
D7	C-6	Q112	G-1	TP12	E-3
D8	B-6	Q116	G-2	TP13	F-7
D9	B-6	Q117	F-2	TP14	B-6
D10	D-7	Q118	G-2	TP15	E-6
D11	C-6	Q119	F-2	TP16	D-6
D12	C-5	Q120	G-2	TP17	D-4
D13	B-4	Q121	G-3	TP18	D-4
D14	B-4	Q122	G-3	TP19	F-5
D101	A-1	Q123	D-2	TP20	C-4
D102	G-1	Q124	C-1	TP21	C-4
		Q125	C-1	TP22	G-2
E1	A-3	Q126	C-1	TP23	G-1
E2	G-3	Q127	C-1	TP24	B-1
E4	D-3	Q128	C-2	TP25	B-4
E5	D-3	Q129	D-2	TP26	D-6
E6	F-6	Q130	C-3	TP27	B-4
E7	C-5	Q131	C-2	TP28	C-5
E8	E-1	Q132	D-2		
		Q133	E-1		
IC1	F-6	Q134	E-1		
IC2	F-6	Q135	E-1		
IC3	E-6	Q136	E-1		
IC4	E-5	Q137	F-2		
IC5	E-5	Q138	D-2		
IC6	D-5	Q139	E-3		
IC7	D-5	Q140	E-2		
IC8	B-5	Q144	C-2		
IC101	B-1	Q145	E-2		
IC102	F-2	Q146	G-5		
LV1	B-1	RV1	G-5		
LV2	F-1	RV2	G-5		
LV3	D-1	RV3	E-6		
LV4	C-3	RV4	E-4		
LV5	D-1	RV5	F-4		
LV6	F-3	RV6	D-6		
		RV7	C-4		
Q1	G-4	RV8	B-6		
Q2	G-4	RV9	C-6		
Q3	G-4	RV10	A-5		
Q4	E-6	RV11	C-4		
Q5	E-4	RV101	B-1		
Q6	E-4	RV102	G-1		
Q7	D-6	RV103	C-1		
Q8	C-4	RV104	C-1		
Q9	C-4	RV105	E-1		
Q10	C-6	RV106	E-1		
Q11	B-6				
Q12	C-6	TP1	B-1		
Q13	C-6	TP2	B-3		
Q14	F-7	TP3	A-3		
Q101	A-1	TP4	A-2		
Q105	A-2	TP5	F-3		



AU-85A: DOLBY AUTO DETECTOR, BIAS OSCILLATOR S/N 11281 TO 12080 (EK)

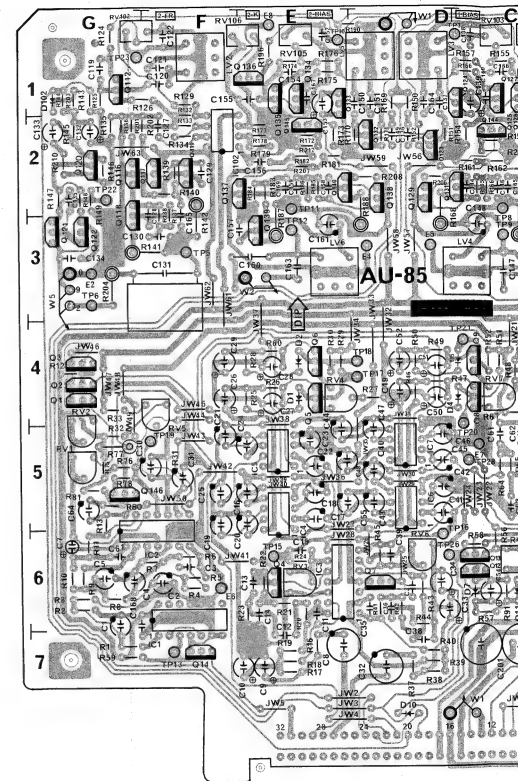
G-3
C-1
C-2
C-3
E-1
E-2
E-3
F-7
B-6
E-6
D-6
D-4
D-4
F-5
C-4
G-2
G-1
B-1
B-4
D-6
B-4
C-5



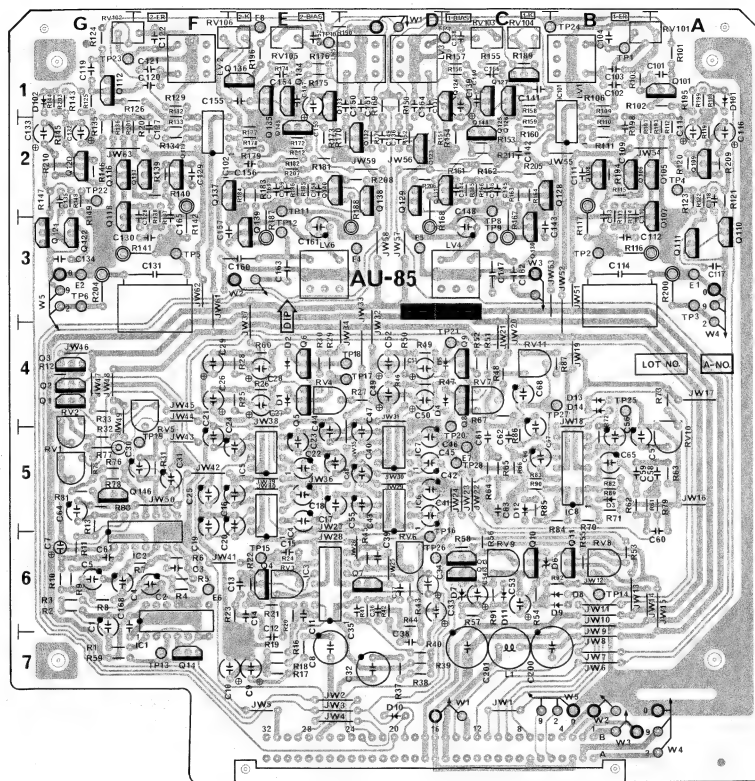
AU-85/A —COMPONENT SIDE—
1-622-702-1 (21)
RVU-950
RVU-950P

AU-85A (1-622-70213,14)

D1	E4	Q106	B2	TP6	G3
D2	E4	Q107	A2	TP7	C1
D3	B5	Q108	B2	TP8	C2
D4	C4	Q109	A2	TP9	C3
D5	C4	Q110	A3	TP10	E1
D6	C6	Q111	A3	TP11	E2
D7	C6	Q112	G1	TP12	E3
D8	B6	Q116	G2	TP13	F3
D9	B6	Q117	F2	TP14	B6
D10	D7	Q118	G2	TP15	E6
D11	C6	Q119	F2	TP16	D6
D12	C5	Q120	G2	TP17	D4
D13	B4	Q121	G3	TP18	D4
D14	B4	Q122	G3	TP19	F5
D101	A1	Q123	D2	TP20	C4
D102	G1	Q124	C1	TP21	C4
		Q125	C1	TP22	G2
E1	A3	Q126	C1	TP23	G1
E2	G3	Q127	C1	TP24	B1
E4	D3	Q128	C2	TP25	B4
E5	D3	Q129	D2	TP26	D6
E6	F6	Q130	C3	TP27	B4
E7	C5	Q131	C2	TP28	C5
E8	E1	Q132	D2		
		Q133	E1		
IC1	F6	Q134	E1		
IC2	F6	Q135	E1		
IC3	E6	Q136	E1		
IC4	E5	Q137	F2		
IC5	E6	Q138	D2		
IC6	D5	Q139	E3		
IC7	D5	Q140	E2		
IC8	B5	Q144	C2		
IC101	B1	Q145	E2		
IC102	F2	Q146	G5		
LV1	B1	RV1	G5		
LV2	F1	RV2	G5		
LV3	D1	RV3	E6		
LV4	C3	RV4	E4		
LV5	D1	RV5	F4		
LV6	E3	RV6	D6		
		RV7	C4		
Q1	G4	RV8	B6		
Q2	G4	RV9	C6		
Q3	G4	RV10	A5		
Q4	E6	RV11	C4		
Q5	E4	RV101	B5		
Q6	E4	RV102	G1		
Q7	D6	RV103	C1		
Q8	C4	RV104	C1		
Q9	C4	RV105	E1		
Q10	C6	RV106	E1		
Q11	B6				
Q12	C6	TP1	B1		
Q13	C6	TP2	B3		
Q14	F7	TP3	A3		
Q101	A1	TP4	A2		
Q105	A2	TP5	F3		



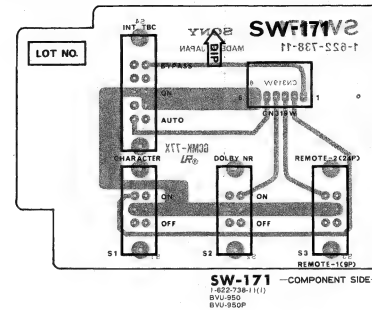
AU-85A: DOLBY AUTO DETECTOR, BIAS OSCILLATOR S/N 12081 AND HIGHER (EK)



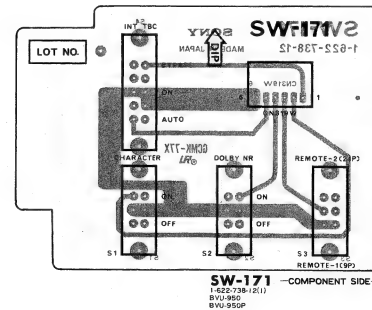
AU-85/A -COMPONENT SIDE
1-622702-13, (40)
BV9550
BV9550P

SW-171: SELECT SWITCH

S/N UP TO 10380(EK)



S/N 10381 AND HIGHER(EK)



AU-87 (1-622-703-11)

CN870	C-1	T2	A-1
CN871	B-1	T101	E-1
CN872	A-1	T102	D-1
CN873	C-1	T103	C-1
CN874	E-1		
CN875	D-1		
CN876	D-1		
CN877	C-2		
CN878	C-1		
CN879	C-2		

D101	E-2
D102	E-2
D103	E-2
D104	E-2
D105	D-2
D106	D-2
D107	D-2
D108	D-2
D109	D-2
D201	C-2
D203	C-2
D204	C-2
D205	C-1

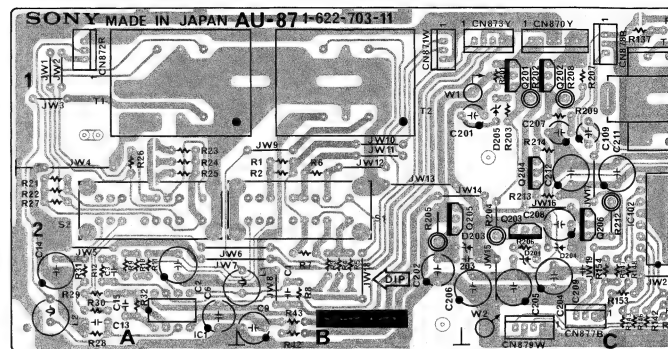
IC1	A-2
IC100	E-2
IC101	D-2
IC102	C-2

Q101	E-2
Q102	E-2
Q103	E-2
Q104	E-1
Q105	E-2
Q106	E-2
Q107	E-1
Q108	E-2
Q109	D-2
Q110	D-2
Q111	D-1
Q112	D-1
Q113	D-2
Q114	D-2
Q201	C-1
Q202	C-1
Q203	C-2
Q204	C-2
Q205	B-2
Q206	C-2

RV1	E-2
RV2	D-2
RV3	D-2

S1	B-2
S2	A-2

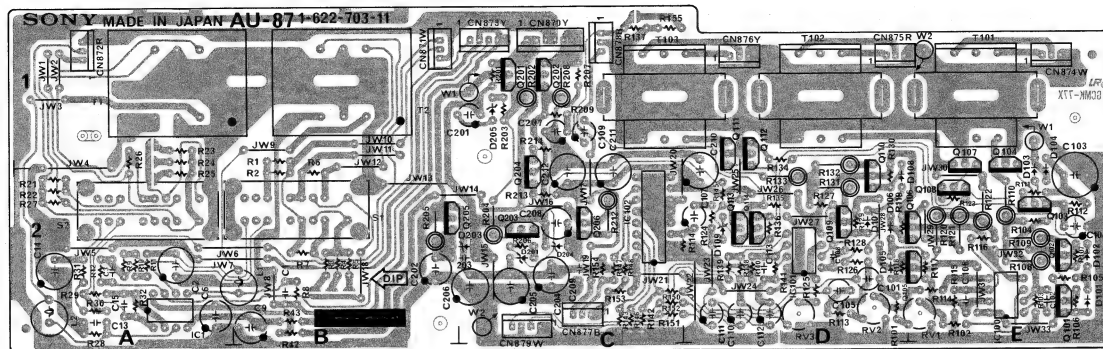
T1	B-1
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AU-87: MIC/OUTPUT/MONITOR AMPLIFIER

S/N UP TO 10980(EK)

A-1
E-1
D-1
C-1



AU-87 —COMPONENT SIDE—
1-622-703-11(1)
BVU-950
BVU-950P

AU87 (1-622-703-12,13,14)

CN870	C1	T2	A-1
CN871	B1	T101	E-1
CN872	A-1	T102	D-1
CN873	C1	T103	C-1
CN874	E-1		
CN875	D-1		
CN876	D-1		
CN877	C-2		
CN878	C-1		
CN879	C-2		

D101	E-2
D102	E-2
D103	E-2
D104	E-2
D105	D-2
D106	D-2
D107	D-2
D108	D-2
D109	D-2
D201	C-2
D203	C-2
D204	C-2
D205	C-1

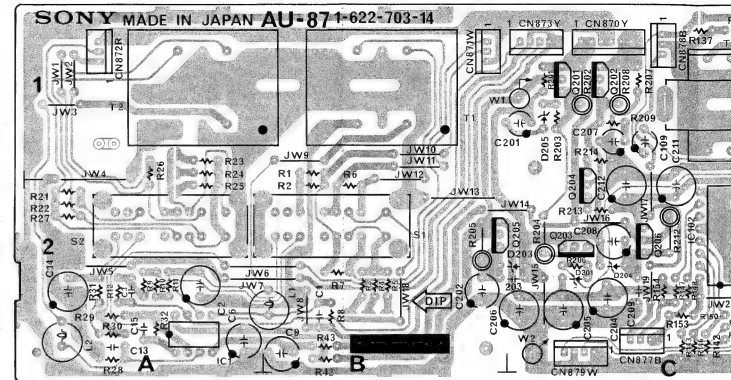
IC1	A-2
IC100	E-2
IC101	D-2
IC102	C-2

Q101	E-2
Q102	E-2
Q103	E-2
Q104	E-1
Q105	E-2
Q106	E-2
Q107	E-1
Q108	E-2
Q109	D-2
Q110	D-2
Q111	D-1
Q112	D-1
Q113	D-2
Q114	D-2
Q201	C-1
Q202	C-1
Q203	C-2
Q204	C-2
Q205	B-2
Q206	C-2

RV1	E-2
RV2	D-2
RV3	D-2

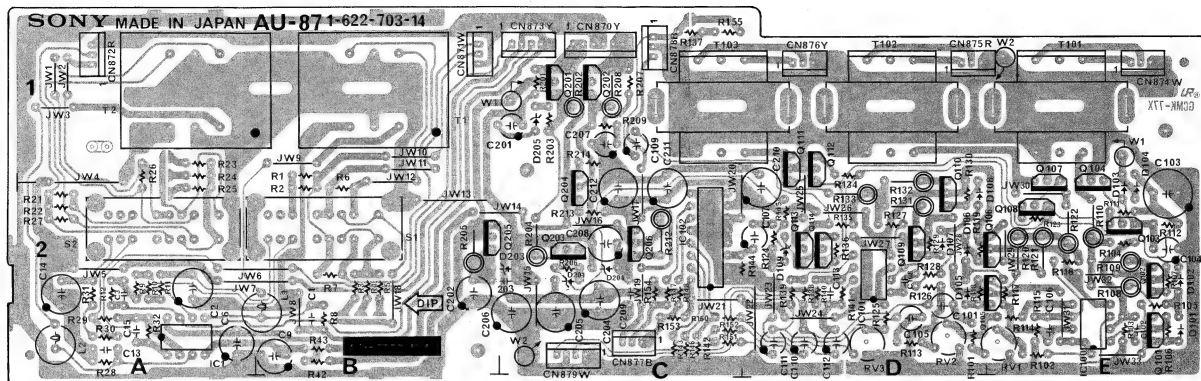
S1	B-2
S2	A-2

T1	B-1
----	-----



AU-87; MIC/OUTPUT/MONITOR AMPLIFIER

S/N 10981 AND HIGHER(EK)

A1
E1
D-1
C1

AU-87 —COMPONENT SIDE—
 1-622-703-12, 13, 14(E)
 BVU-950
 BVU-950P

DUS-92: AUDIO HEAD

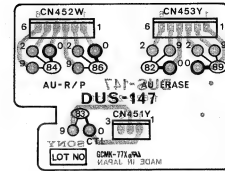
DUS-147: JUNCTION BOARD FOR AUDIO HEAD

HP-28: HEADPHONES

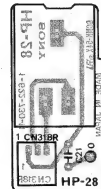
VR-49: HEADPHONES LEVEL CONTROL



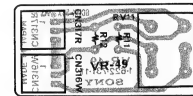
DUS-92 —COMPONENT SIDE—
 I-615-954-1 (1)
 BVU-950
 BVU-950P



DUS-147 —COMPONENT SIDE—
 I-622-261-1 (1)
 BVU-950
 BVU-950P



HP-28 —COMPONENT SIDE—
 I-622-730-1 (1)
 BVU-950
 BVU-950P

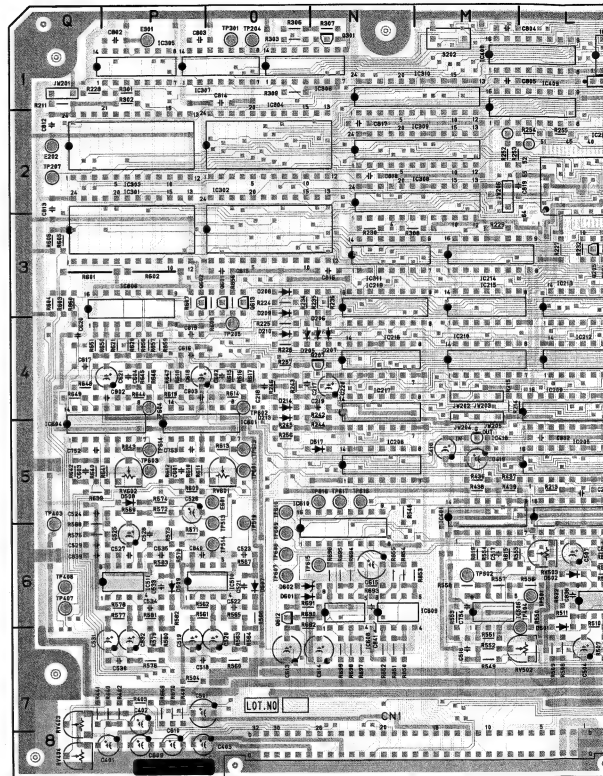


VR-49 —COMPONENT SIDE—
 I-622-731-1 (1)
 BVU-950
 BVU-950P

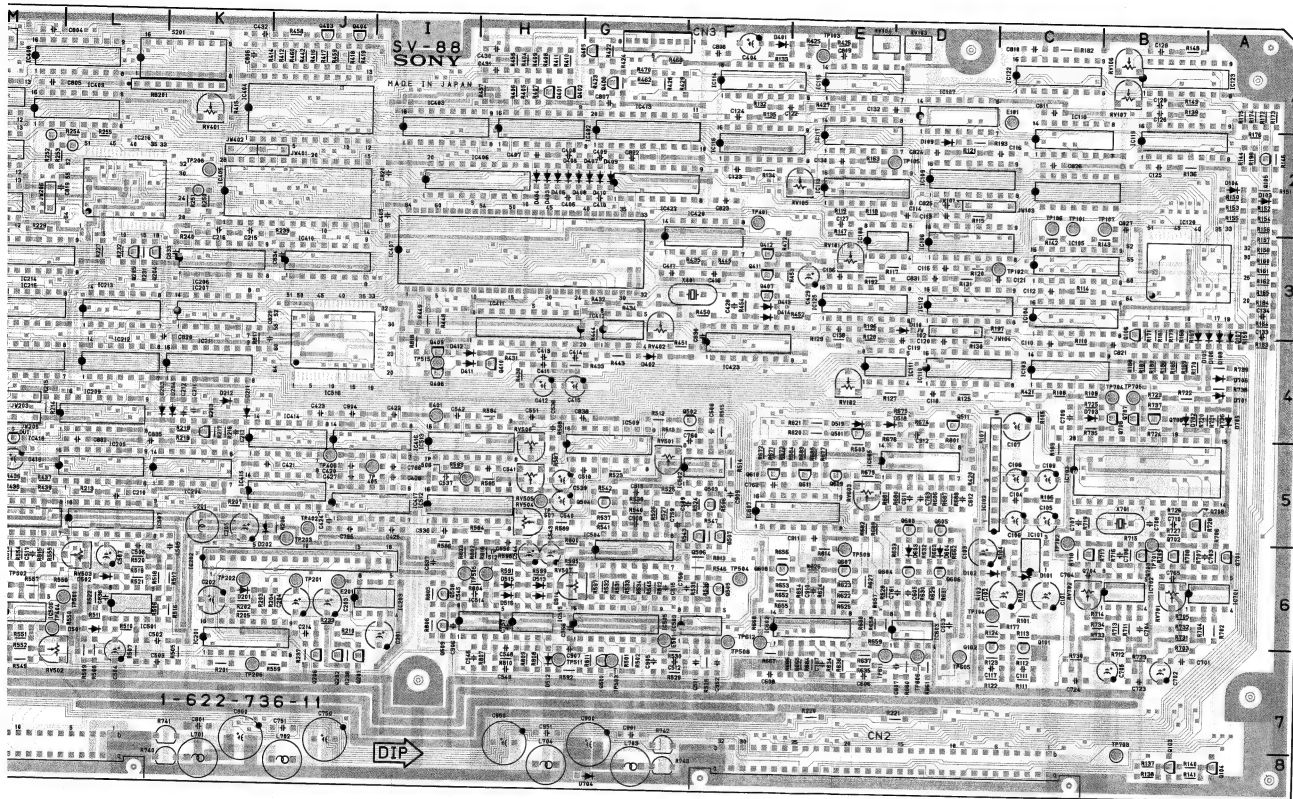
SV-88A (1-622-736-11)

CN1	N-8	D701	A-4	IC303	P-2	Q101	C-6	RB201	K-1	TP507	H-5
CN2	E-8	D702	B-4	IC304	O-2	Q102	D-7			TP508	F-7
CN3	G-1	D703	C-4	IC305	P-1	Q103	B-8	RV101	E-3	TP509	E-6
		D704	G-8	IC306	O-1	Q104	A-8	RV102	E-4	TP510	O-6
D101	C-6	D705	A-4	IC307	O-1	Q105	A-2	RV103	D-1	TP511	H-7
D102	D-6	D706	A-4	IC308	M-2	Q106	B-3	RV104	E-1	TP512	H-6
D103	A-2			IC309	M-2	Q201	J-7	RV105	E-2	TP513	O-6
D104	A-2	E101	C-1	IC310	M-1	Q202	J-7	RV106	B-1	TP514	O-6
D105	B-3	E201	J-6	IC311	N-3	Q203	K-5	RV107	B-1	TP515	I-4
D106	A-3	E202	Q-2	IC401	M-5	Q204	L-3	RV401	K-1	TP601	O-5
D107	A-3	E301	P-1	IC402	H-2	Q205	L-3	RV402	G-3	TP602	O-4
D108	A-3	E401	I-4	IC403	I-2	Q206	J-7	RV403	Q-7	TP603	P-5
D109	D-2	E501	G-7	IC404	J-1	Q207	N-4	RV404	Q-8	TP604	P-4
D110	D-3	E601	O-5	IC405	J-2	Q301	N-1	RV501	G-5	TP605	D-7
D201	K-6			IC406	I-2	Q401	H-1	RV502	L-7	TP606	D-7
D202	K-6	IC101	C-6	IC407	I-3	Q402	H-1	RV503	L-6	TP607	O-6
D203	K-4	IC102	D-5	IC408	L-1	Q403	J-1	RV504	H-5	TP608	O-6
D204	K-4	IC103	C-4	IC409	L-1	Q404	J-1	RV505	H-5	TP609	O-6
D205	O-4	IC104	C-3	IC410	J-3	Q405	G-1	RV506	H-5	TP610	O-5
D206	N-4	IC105	C-3	IC411	H-3	Q406	G-1	RV507	H-6	TP611	E-7
D207	N-4	IC106	D-3	IC412	G-3	Q407	F-3	RV601	O-5	TP612	F-7
D208	O-3	IC107	D-1	IC413	G-2	Q408	I-4	RV602	P-5	TP613	O-5
D209	O-3	IC108	E-3	IC414	J-5	Q409	I-4	RV603	E-5	TP614	P-5
D210	O-4	IC109	D-2	IC415	J-5	Q410	H-4	RV701	B-6	TP615	O-6
D211	K-4	IC110	D-4	IC416	I-5	Q411	F-3	RV702	C-6	TP616	N-5
D212	K-4	IC111	E-4	IC417	I-5	Q412	F-3			TP617	N-5
D213	O-5	IC112	D-3	IC418	M-5	Q501	E-5	S201	K-1	TP618	N-5
D214	O-4	IC113	E-2	IC420	F-3	Q502	F-4	S202	M-1	TP701	B-6
D401	F-1	IC114	F-1	IC422	G-2	Q503	F-5			TP702	O-6
D402	G-4	IC115	E-1	IC423	F-4	Q504	G-5	TP101	C-2	TP703	B-8
D403	H-2	IC116	F-2	IC501	L-6	Q505	F-6	TP102	C-3	TP704	B-4
D404	H-2	IC117	E-2	IC502	F-5	Q506	F-6	TP103	E-1	TP705	B-4
D405	H-2	IC118	C-2	IC503	F-6	Q507	F-6	TP104	D-6		
D406	H-2	IC119	B-2	IC504	G-6	Q508	I-6	TP105	D-2	X401	F-3
D407	G-2	IC120	B-3	IC505	G-6	Q509	I-6	TP106	C-2	X701	B-5
D408	H-2	IC122	C-1	IC506	M-6	Q510	G-7	TP107	B-2		
D409	G-2	IC123	B-1	IC507	L-5	Q511	D-4	TP201	J-6		
D410	G-2	IC125	E-5	IC509	G-5	Q601	O-3	TP202	K-6		
D411	I-4	IC201	K-7	IC510	O-6	Q602	P-3	TP203	J-6		
D412	I-4	IC202	J-6	IC511	P-6	Q603	D-5	TP204	O-1		
D413	F-3	IC203	I-6	IC512	I-5	Q604	D-6	TP205	O-4		
D414	F-3	IC204	K-5	IC513	I-5	Q605	D-5	TP206	K-7		
D501	L-7	IC205	L-5	IC514	H-6	Q606	D-6	TP207	Q-2		
D502	L-6	IC206	K-3	IC515	H-6	Q607	E-6	TP208	K-2		
D507	O-6	IC207	K-3	IC516	J-4	Q608	F-6	TP301	O-1		
D508	P-5	IC208	N-5	IC601	O-5	Q609	E-5	TP401	F-2		
D509	P-6	IC209	L-4	IC602	E-6	Q610	F-5	TP402	J-5		
D512	H-7	IC210	M-4	IC603	D-6	Q611	E-5	TP403	Q-5		
D513	H-6	IC211	K-4	IC604	Q-5	Q612	O-6	TP404	M-7		
D514	H-6	IC212	L-4	IC605	D-5	Q613	O-3	TP405	I-5		
D515	H-6	IC213	L-3	IC606	P-3	Q701	A-6	TP406	J-5		
D516	H-6	IC214	M-3	IC607	F-5	Q702	B-6	TP407	Q-6		
D517	N-5	IC215	M-3	IC608	N-6	Q703	B-6	TP408	Q-6		
D518	D-4	IC216	L-2	IC609	N-6	Q704	B-6	TP501	L-6		
D519	E-4	IC217	N-4	IC610	N-6	Q705	B-4	TP502	M-6		
D601	O-6	IC218	N-4	IC701	A-6	Q706	B-4	TP503	G-7		
D602	O-6	IC219	N-3	IC702	B-6	Q707	B-4	TP504	F-6		
D603	D-6	IC301	P-3	IC703	B-5	Q708	A-5	TP505	I-6		
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17-65(a)



17-66(a)

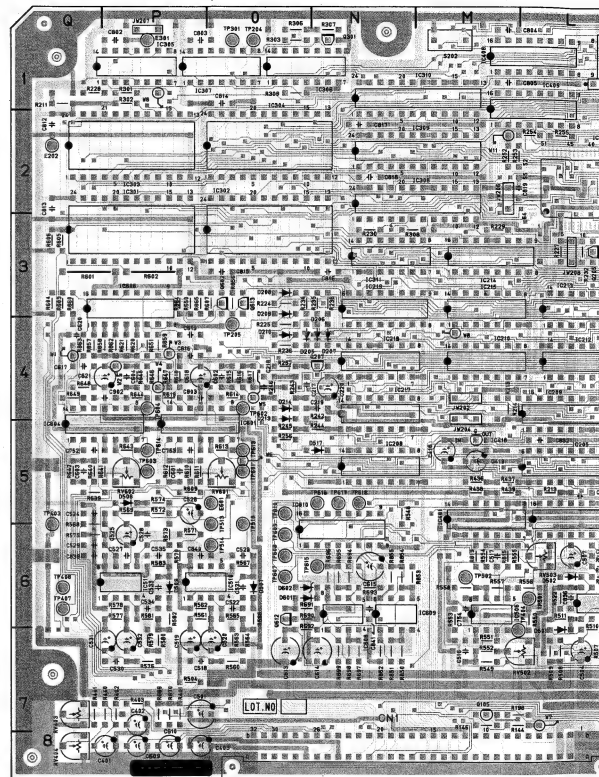


SV-88A — COMPONENT SIDE —
1-622-736-11 (1)
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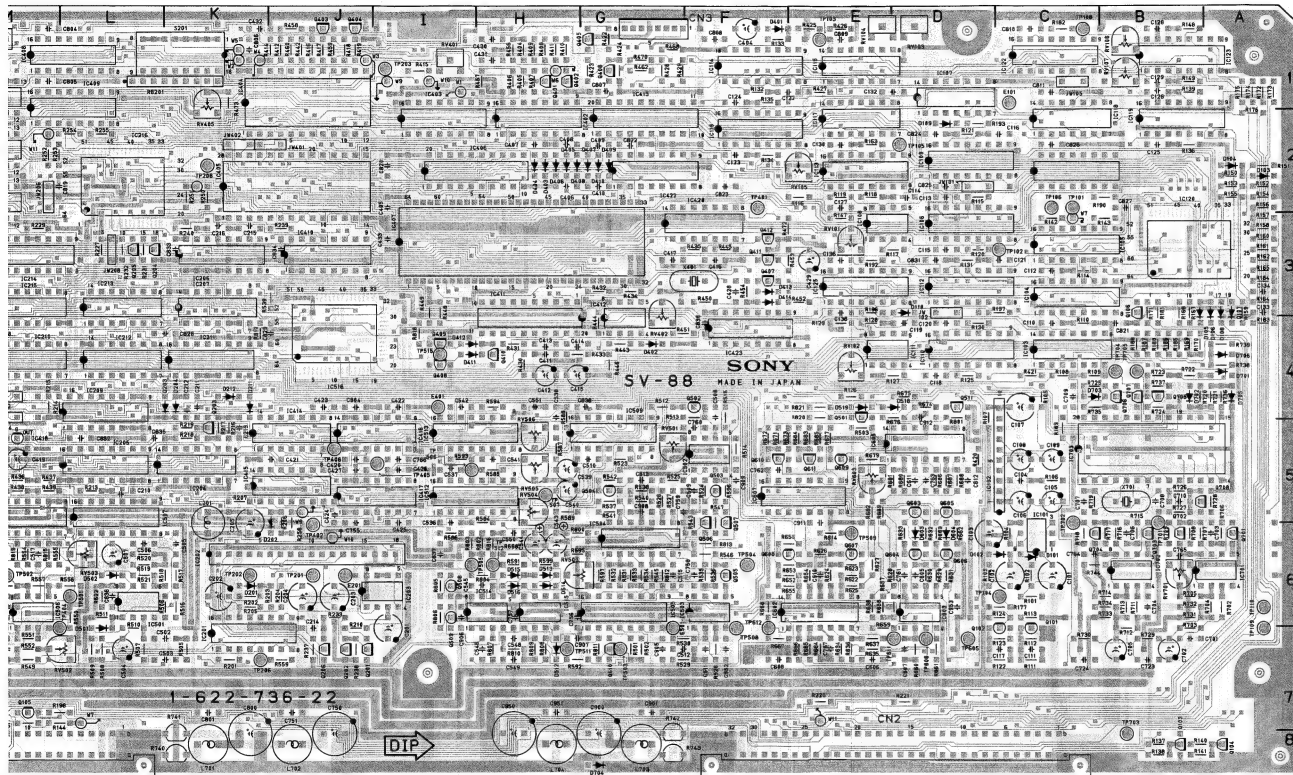
SV-88A (1-622-736-22)

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CN2	E-8	D702	B-4	IC304	O-2	Q102	D-7			TP505	I-6
CN3	G-1	D703	C-4	IC305	P-1	Q103	B-8	RV101	E-3	TP506	I-5
		D704	G-8	IC306	O-1	Q104	A-8	RV102	E-4	TP507	H-5
D101	C-6	D705	A-4	IC307	O-1	Q105	M-7	RV103	D-1	TP508	F-7
D102	D-6	D706	A-4	IC308	M-2	Q106	B-3	RV104	E-1	TP509	E-6
D103	A-2			IC309	M-2	Q201	J-7	RV105	E-2	TP510	O-6
D104	A-2	E101	C-1	IC310	M-1	Q202	J-7	RV106	B-1	TP511	H-7
D105	B-3	E201	J-6	IC311	N-3	Q203	K-5	RV107	B-1	TP512	H-6
D106	A-3	E202	Q-2	IC401	M-5	Q204	L-3	RV401	I-1	TP513	O-6
D107	A-3	E301	P-1	IC402	H-2	Q205	L-3	RV402	G-3	TP514	O-6
D108	A-3	E301	I-4	IC403	I-2	Q206	J-7	RV403	Q-7	TP515	I-4
D109	D-2	E501	G-7	IC404	J-1	Q207	N-4	RV404	Q-8	TP601	O-5
D110	D-3	E601	O-5	IC405	J-2	Q301	N-1	RV405	K-1	TP602	O-4
D201	K-6			IC406	I-2	Q401	H-1	RV501	G-5	TP603	P-5
D202	K-6	IC101	C-6	IC407	H-3	Q402	H-1	RV502	L-7	TP604	P-4
D203	K-4	IC102	C-5	IC408	L-1	Q403	J-1	RV503	L-6	TP605	D-7
D204	K-4	IC103	C-4	IC409	L-1	Q404	J-1	RV504	H-5	TP606	D-7
D205	O-4	IC104	C-3	IC410	J-3	Q405	G-1	RV505	H-5	TP607	O-6
D206	N-4	IC105	C-3	IC411	H-4	Q406	G-1	RV506	H-5	TP608	O-6
D207	N-4	IC106	D-3	IC412	G-4	Q407	F-3	RV507	H-6	TP609	O-6
D208	O-3	IC107	D-1	IC413	G-2	Q408	I-4	RV601	O-5	TP610	O-5
D209	O-3	IC108	E-3	IC414	J-5	Q409	I-4	RV602	P-5	TP611	E-7
D210	O-4	IC109	D-2	IC415	J-5	Q410	H-4	RV603	E-5	TP612	F-7
D211	K-4	IC110	D-4	IC416	I-5	Q411	F-3	RV701	B-6	TP613	O-5
D212	K-4	IC111	E-4	IC417	I-5	Q412	F-3			TP614	P-5
D213	O-5	IC112	D-3	IC418	M-5	Q501	E-5	S201	K-1	TP615	O-6
D214	O-4	IC113	E-2	IC420	F-3	Q502	F-4	S202	M-1	TP616	N-5
D401	F-1	IC114	F-1	IC422	G-2	Q503	F-5			TP617	N-5
D402	G-4	IC115	E-1	IC423	F-4	Q504	G-5	TP101	C-2	TP618	N-5
D403	H-2	IC116	F-2	IC501	L-6	Q505	F-6	TP102	C-3	TP701	B-6
D404	H-2	IC117	E-2	IC502	F-5	Q506	F-6	TP103	E-1	TP702	C-6
D405	H-2	IC118	C-2	IC503	F-6	Q507	F-6	TP104	D-6	TP703	B-8
D406	H-2	IC119	B-2	IC504	G-6	Q508	I-6	TP105	D-2	TP704	B-4
D407	G-2	IC120	B-3	IC505	G-6	Q509	I-6	TP106	C-2	TP705	B-4
D408	H-2	IC122	M-5	IC506	M-6	Q510	G-7	TP107	B-2		
D409	G-2	IC123	B-1	IC507	L-5	Q511	D-4	TP108	C-1	X401	F-3
D410	G-2	IC125	E-3	IC509	G-5	Q601	O-3	TP109	A-7	X701	B-5
D411	I-4	IC201	K-7	IC510	O-6	Q602	O-3	TP110	A-6		
D412	I-4	IC202	J-6	IC511	P-6	Q603	D-5	TP201	J-6		
D413	F-3	IC203	I-6	IC512	I-5	Q604	D-6	TP202	K-6		
D414	F-3	IC204	K-5	IC513	I-5	Q605	D-5	TP203	I-1		
D501	L-7	IC205	L-5	IC514	H-6	Q606	D-6	TP204	O-1		
D502	L-6	IC206	K-3	IC515	H-6	Q607	E-6	TP205	O-4		
D507	O-6	IC207	K-3	IC516	J-4	Q608	F-6	TP206	K-7		
D508	P-5	IC208	N-5	IC601	O-5	Q609	E-5	TP207	Q-2		
D509	P-6	IC209	L-4	IC602	E-6	Q610	F-5	TP208	K-2		
D512	H-7	IC210	M-4	IC603	D-6	Q611	E-5	TP301	O-1		
D513	H-6	IC211	K-4	IC604	Q-5	Q612	O-6	TP401	F-2		
D514	H-6	IC212	L-4	IC605	D-5	Q613	O-3	TP402	J-5		
D515	H-6	IC213	L-3	IC606	P-3	Q701	A-6	TP403	Q-5		
D516	H-6	IC214	M-3	IC607	F-5	Q702	B-6	TP404	M-7		
D517	N-5	IC215	M-3	IC608	N-6	Q703	B-6	TP405	I-5		
D518	D-4	IC216	L-2	IC609	N-6	Q704	C-6	TP406	J-5		
D519	E-4	IC217	N-4	IC610	N-6	Q705	B-4	TP407	O-6		
D601	O-6	IC218	N-4	IC701	A-6	Q706	B-4	TP408	Q-6		
D602	O-6	IC219	N-3	IC702	B-6	Q707	B-4	TP501	L-6		
D603	D-6	IC301	P-3	IC703	B-5	Q708	A-5	TP502	M-6		
D604	D-6	IC302	O-3					TP503	G-7		

17-65(b)



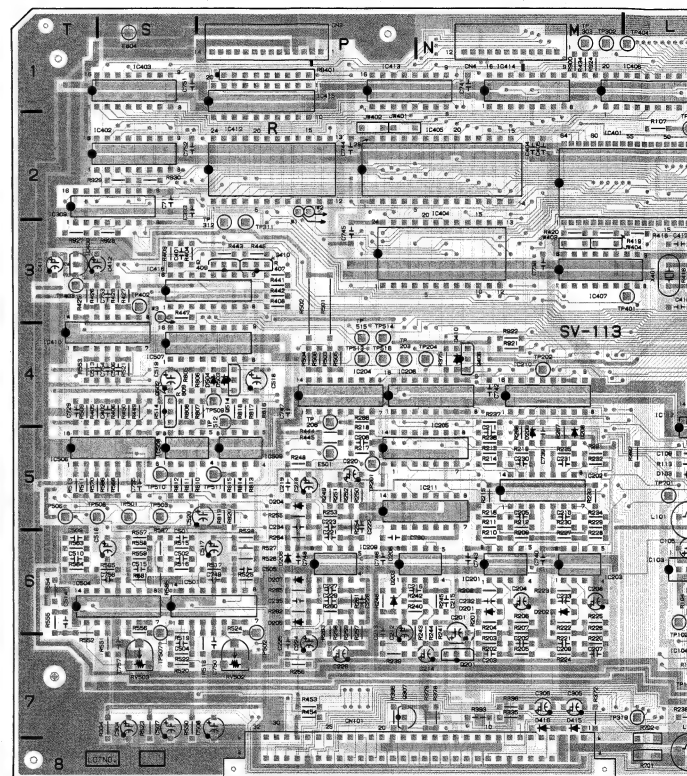
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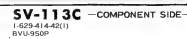


SV-88A — COMPONENT SIDE —
1-622-736-22(1)
SVU-850P

SV-113C(1-629414-42)

CN1	P-8	D406	J-2	IC306	G-5	Q404	G-5	TP312	R-3
CN2	D-8	D407	J-2	IC307	G-6	Q405	G-6	TP313	E-2
CN3	R-1	D408	J-2	IC308	E-2	Q406	N-4	TP315	G-1
CN4	N-1	D409	G-6	IC309	S-2	Q407	G-6	TP316	G-1
		D410	N-4	IC310	E-6	Q408	G-6	TP317	F-7
D101	K-6	D411	G-6	IC311	E-2	Q409	R-3	TP318	E-5
D102	L-5	D412	G-6	IC313	A-3	Q410	R-3	TP319	L-7
D103	L-5	D413	G-5	IC314	A-2	Q502	S-4	TP320	A-3
D104	L-5	D414	H-4	IC401	L-2	Q503	C-5	TP401	L-3
D105	H-6	D415	M-7	IC402	S-2	Q504	D-6	TP402	S-3
D106	H-6	D416	M-7	IC403	S-1	Q505	C-6	TP403	F-3
D107	J-6	D501	D-6	IC404	N-3	Q506	D-7	TP404	L-1
D108	J-6	D502	D-6	IC405	N-2	Q507	C-7	TP501	S-5
D109	B-3	D503	R-4	IC406	L-1	Q508	C-4	TP502	R-6
D110	B-3	D504	R-4	IC407	M-3	Q514	R-4	TP503	S-5
D111	C-3	D601	D-3	IC408	K-3	Q601	F-5	TP504	D-5
D112	B-3	D701	H-7	IC409	T-3	Q602	F-4	TP505	D-4
D113	B-3			IC410	S-4	Q603	F-5	TP506	F-5
D114	C-3	E101	L-7	IC411	B-4	Q604	F-5	TP507	S-6
D115	B-3	E501	P-5	IC412	R-2	Q605	G-7	TP508	S-5
D201	N-6	E801	D-5	IC413	P-1	Q606	D-3	TP509	R-4
D202	M-6	E802	A-1	IC414	M-1	Q607	D-3	TP510	S-5
D203	P-6	E803	L-2	IC415	R-1			TP511	R-5
D204	R-5	E804	S-1	IC416	R-3	RB101	C-1	TP512	R-4
D205	R-6	E805	H-1	IC417	E-2	RB401	R-1	TP513	P-4
D206	R-6	E806	J-5	IC418	H-2			TP514	P-4
D207	R-6			IC419	J-1	RV502	R-7	TP515	P-4
D208	M-5	IC101	C-2	IC501	R-6	RV503	S-7	TP516	P-4
D209	M-5	IC102	K-5	IC502	C-5	RV601	F-5	TP517	C-6
D301	F-3	IC103	K-6	IC503	C-6			TP518	C-7
D302	F-3	IC104	L-7	IC504	S-6	S101	C-1	TP601	F-4
D303	F-3	IC105	K-7	IC505	D-6	S102	B-1	TP602	F-5
D304	F-3	IC106	H-4	IC506	S-5	S103	B-1	TP603	D-3
D305	F-3	IC107	K-4	IC507	R-4	S301	F-1	TP604	E-2
D306	F-3	IC108	G-4	IC508	S-5	S302	E-1	TP605	E-4
D307	F-3	IC109	K-4	IC509	R-5			TP701	L-5
D308	F-3	IC110	G-5	IC601	F-4	TP101	L-7		
D309	J-2	IC111	H-4	IC603	F-3	TP102	L-6	X301	H-3
D310	J-2	IC112	L-4			TP103	L-2	X401	L-3
D311	K-2	IC113	K-5	Q101	K-7	TP104	H-4	X601	E-4
D312	J-2	IC114	H-6	Q102	K-7	TP105	J-7		
D313	J-2	IC115	H-5	Q103	K-7	TP201	P-8		
D314	J-2	IC116	G-4	Q104	K-5	TP202	M-4		
D315	K-2	IC117	H-7	Q105	J-6	TP203	P-4		
D316	J-2	IC118	H-5	Q201	N-7	TP204	N-4		
D317	B-7	IC201	H-6	Q301	G-7	TP205	N-6		
D318	B-6	IC202	M-5	Q302	H-7	TP206	P-4		
D319	F-7	IC203	M-6	Q303	H-2	TP301	B-1		
D320	F-6	IC204	P-4	Q304	A-5	TP302	M-1		
D321	E-1	IC205	N-5	Q305	F-7	TP303	M-1		
D322	F-2	IC206	N-4	Q306	F-6	TP304	H-2		
D323	B-5	IC207	N-5	Q307	P-7	TP305	H-6		
D326	B-3	IC208	N-6	Q308	D-4	TP306	A-3		
D401	K-2	IC209	P-6	Q309	D-4	TP307	J-3		
D402	K-2	IC210	M-4	Q310	C-4	TP308	J-2		
D403	K-2	IC302	G-2	Q401	K-1	TP309	J-1		
D404	K-2	IC303	B-5	Q402	K-1	TP310	R-3		
D405	J-2	IC304	B-6	Q403	G-5	TP311	R-3		





DR-53,DR-59,SE-48

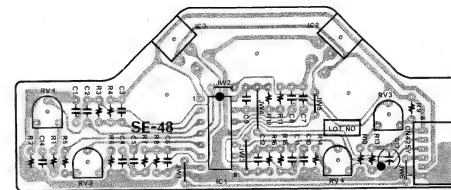
DR-53,DR-59,SE-48

DR-53: REEL/CAPSTAN/DRUM MOTOR DRIVE

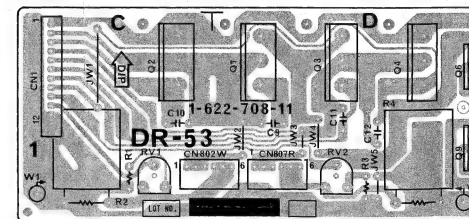
DR-59: REEL MOTOR DRIVE

SE-48: REEL ROTATION DETECTOR

S/N UP TO 11280(EK)



SE-48 - COMPONENT SIDE -
1-622-735-1(1)
BVU-950
BVU-950P

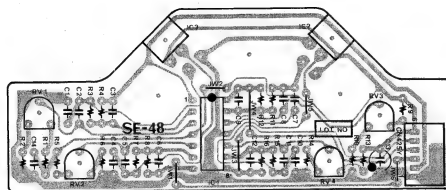


DR-53; REEL/CAPSTAN/DRUM MOTOR DRIVE

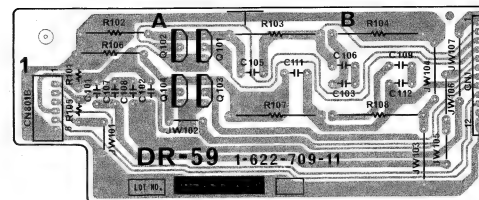
DR-59; REEL MOTOR DRIVE

SE-48; REEL ROTATION DETECTOR

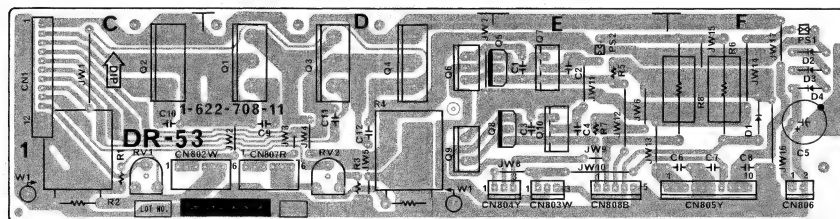
S/N UP TO 11280(EK)



SE-48 — COMPONENT SIDE —
1-622-735-1(11)
BVU-950
BVU-950P



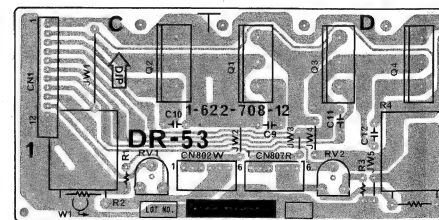
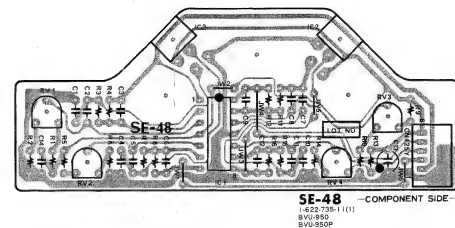
DR-59 — COMPONENT SIDE —
1-622-709-1(11)
BVU-950
BVU-950P



DR-53 — COMPONENT SIDE —
1-622-708-1(11)
BVU-950
BVU-950P

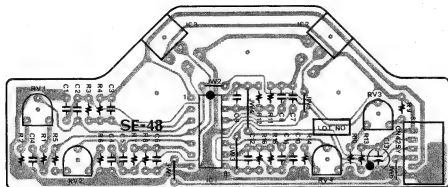
DR-53; REEL/CAPSTAN/DRUM MOTOR DRIVE
 DR-59; REEL MOTOR DRIVE
 SE-48; REEL ROTATION DETECTOR

S/N 11281 AND HIGHER(EK)

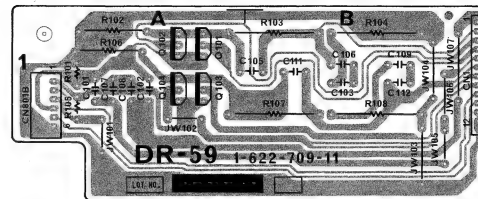


DR-53; REEL/CAPSTAN/DRUM MOTOR DRIVE
 DR-59; REEL MOTOR DRIVE
 SE-48; REEL ROTATION DETECTOR

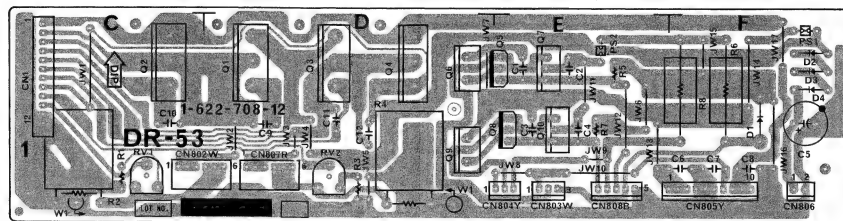
S/N 11281 AND HIGHER(EK)



SE-48 — COMPONENT SIDE —
 1-622-709-1 (11)
 BVU 950
 BVU 950P



DR-59 — COMPONENT SIDE —
 1-622-709-1 (11)
 BVU 950
 BVU 950P



DR-53 — COMPONENT SIDE —
 1-622-708-1 (21)
 BVU 950
 BVU 950P

DUS-177: T-REEL MOTOR

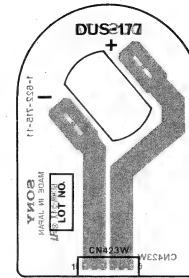
DUS-178: S-REEL MOTOR

LE-53: S-TENSION LED

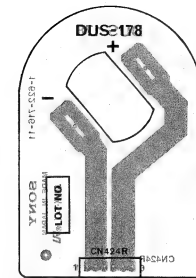
LE-54: T-TENSION LED

PTC-28: S-TENSION CDS

PTC-29: T-TENSION CDS



DUS-177 —COMPONENT SIDE—
 1-622-715-1(1)
 BVU-950
 BVU-950P



DUS-178 —COMPONENT SIDE—
 1-622-715-1(1)
 BVU-950
 BVU-950P



LE-53 —COMPONENT SIDE—
 1-622-720-1(1)
 BVU-950
 BVU-950P



LE-54 —COMPONENT SIDE—
 1-622-717-1(1)
 BVU-950
 BVU-950P



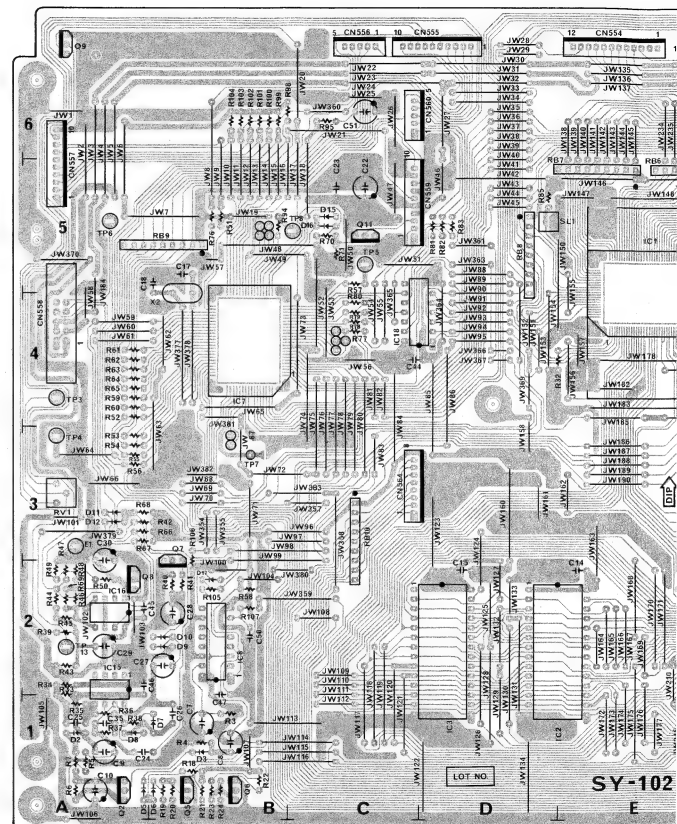
PTC-28 —COMPONENT SIDE—
 1-622-722-1(1)
 BVU-950
 BVU-950P

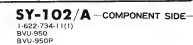


PTC-29 —COMPONENT SIDE—
 1-622-716-1(1)
 BVU-950
 BVU-950P

SY-102A (1-622-734-11)

CN550	I-6	Q9	A-6
CN551	H-6	Q11	C-5
CN552	G-6		
CN553	F-6	RB1	H-5
CN554	E-6	RB2	H-5
CN555	D-6	RB3	H-6
CN556	C-6	RB4	H-6
CN557	A-5	RB5	H-6
CN558	A-4	RB6	E-5
CN559	C-5	RB7	E-5
CN560	C-6	RB8	D-5
CN561	I-4	RB9	B-5
CN562	I-5	RB10	C-3
CN563	I-6	RB11	I-1
CN564	C-3		
D2	A-1	RV1	A-3
D3	B-1	RV2	F-1
D4	G-2	TP3	A-4
D5	A-1	TP4	A-3
D6	B-1	TP5	C-5
D7	B-1	TP6	A-5
D8	A-1	TP7	B-3
D9	B-2	TP8	C-5
D10	B-2	TP9	F-1
D11	A-3	TP10	F-1
D12	A-3	TP11	G-1
D15	C-5	TP12	H-1
D16	C-5	TP13	A-2
D17	B-2	TP14	H-1
E1	A-3	X1	H-3
		X2	A-4
IC1	E-5		
IC2	D-2		
IC3	D-2		
IC4	F-2		
IC5	G-1		
IC6	H-5		
IC7	B-4		
IC8	B-2		
IC9	H-3		
IC10	H-2		
IC11	H-3		
IC12	I-3		
IC13	G-3		
IC14	G-4		
IC15	A-2		
IC16	A-2		
IC17	H-4		
IC18	C-4		
Q2	A-1		
Q3	H-2		
Q4	I-4		
Q5	B-1		
Q6	B-1		
Q7	B-3		
Q8	A-2		



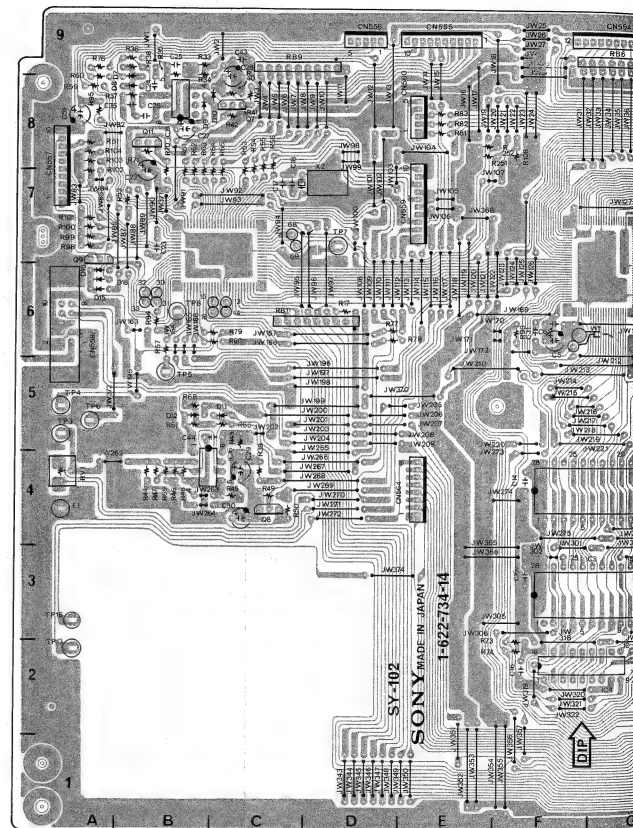


SY-102A: SYSTEM CONTROL

S/N 10981 AND HIGHER(EK)

SY-102A (1-622-734-12,13,14)

CN550	M-9	Q11	B-8
CN551	L-9		
CN552	K-9	RB2	M-6
CN553	H-9	RB3	M-8
CN554	G-9	RB6	G-9
CN555	E-9	RB7	H-9
CN556	D-9	RB9	C-9
CN557	A-8	RB10	L-5
CN558	A-6	RB11	D-6
CN559	E-7		
CN560	E-8	RV1	A-4
CN561	M-5		
CN562	M-7	TP3	A-5
CN563	M-8	TP4	A-5
CN564	E-4	TP5	B-5
		TP6	A-5
D2	L-2	TP7	D-7
D3	M-2	TP8	B-6
D4	M-2	TP10	K-1
D5	L-2	TP11	K-1
D6	L-3	TP12	K-2
D7	B-8	TP13	A-2
D8	B-8	TP14	K-2
D9	B-8	TP16	A-3
D10	C-8		
D11	C-5	X1	K-3
D12	B-5	X2	D-7
D15	A-6		
D16	A-6		
D17	M-1		
D18	A-6		
E1	A-4		
IC2	G-4		
IC3	G-3		
IC4	G-2		
IC5	J-4		
IC7	D-7		
IC8	M-1		
IC9	M-3		
IC10	K-3		
IC11	M-3		
IC12	M-4		
IC13	H-3		
IC14	H-2		
IC15	B-8		
IC16	C-4		
IC17	H-3		
IC18	J-7		
Q2	L-2		
Q3	M-2		
Q4	M-2		
Q5	L-3		
Q6	L-3		
Q7	C-8		
Q8	C-4		
Q9	A-7		



14)

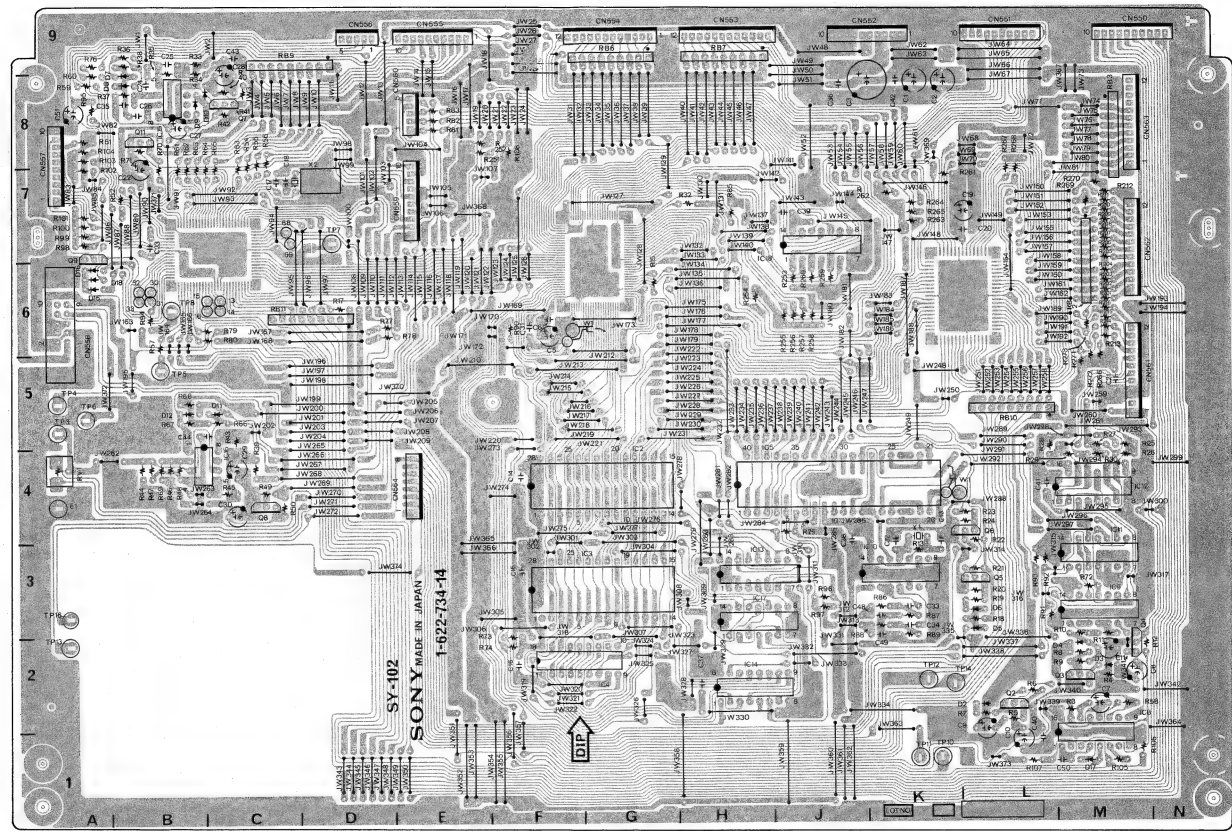
B-8
M-6
M-8
G-9
H-9
C-9
L-5
D-6

A-4

A-5
A-5
B-5
B-6
K-1
K-1
K-2
A-2
K-2
A-3

K-3
D-7

SY-102A: SYSTEM CONTROL S/N 10981 AND HIGHER(EK)



SY-102/A COMPONENT SIDE -
1-622-734-12,13,14(1)
BU1559
BU1560

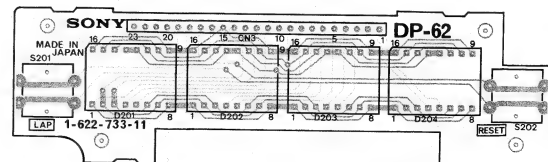
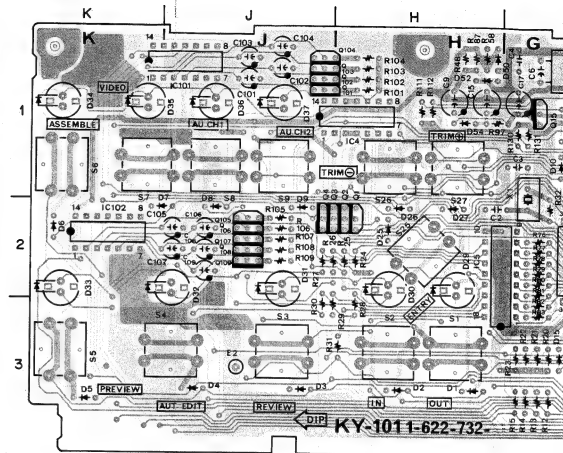
17-84(b)

17-85(b)

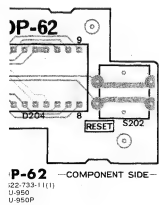
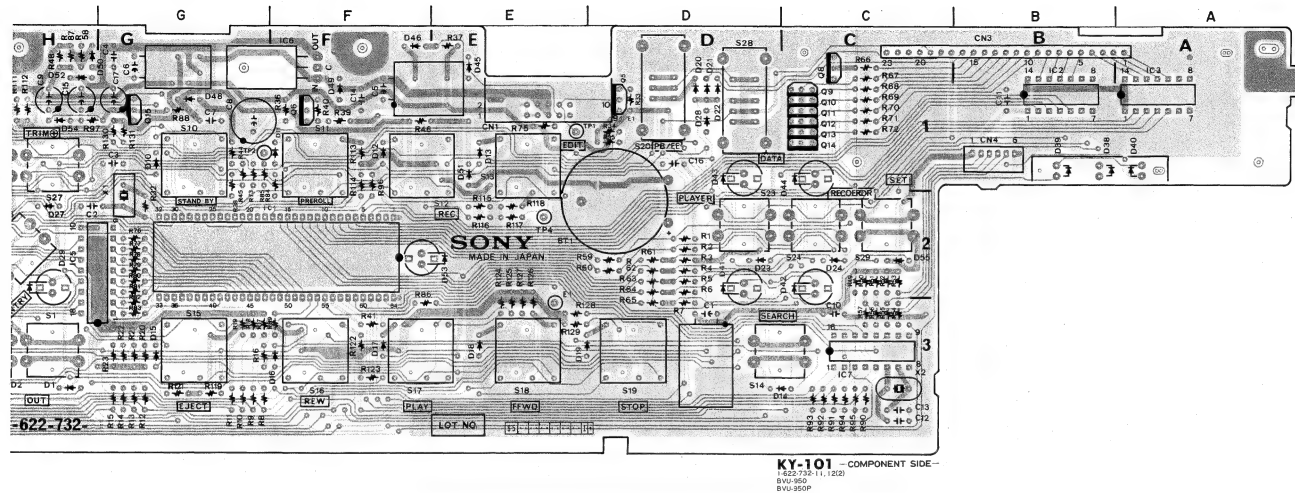
KY-101: FUNCTION KEY BOARD
DP-62: DISPLAY
S/N UP TO 12080 (EK)

KY-101 (1-622-732-11, 12)

CN1	E-1	E1	E-3	S25	H-2
CN3	B-1	E2	J-3	S26	H-1
CN4	B-1			S27	H-1
		IC1	F-2	S28	D-1
D1	H-3	IC2	B-1	S29	C-2
D2	H-3	IC3	A-1		
D3	J-3	IC4	H-1	TP1	E-1
D4	J-3	IC5	H-2	TP2	G-1
D5	K-3	IC6	F-1	TP4	E-2
D6	K-2	IC7	C-3		
D7	K-2	IC101	J-1	X1	G-2
D8	J-2	IC102	K-2	X2	C-3
D9	J-2				
D10	G-1	Q1	H-2		
D11	F-1	Q2	H-2		
D12	F-1	Q3	J-2		
D13	E-1	Q4	J-2		
D14	D-3	Q5	D-1		
D15	G-3	Q6	F-1		
D16	F-3	Q8	C-1		
D17	F-3	Q9	C-1		
D18	E-3	Q10	C-1		
D19	E-3	Q11	C-1		
D20	D-1	Q12	C-1		
D21	D-1	Q13	C-1		
D22	D-1	Q14	C-1		
D23	D-2	Q15	G-1		
D24	C-2	Q101	J-1		
D25	H-2	Q102	J-1		
D26	H-2	Q103	J-1		
D27	H-2	Q104	J-1		
D28	D-1	Q105	J-2		
D29	H-2	Q106	J-2		
D30	H-2	Q107	J-2		
D31	J-2	Q108	J-2		
D32	K-2	Q109	J-2		
D33	K-2				
D34	K-1	S1	H-3		
D35	K-1	S2	H-3		
D36	J-1	S3	J-3		
D37	J-1	S4	J-3		
D38	B-1	S5	K-3		
D39	B-1	S6	K-1		
D40	A-1	S7	K-1		
D41	D-2	S8	J-1		
D42	C-2	S9	J-1		
D43	D-1	S10	G-1		
D44	C-1	S11	F-1		
D45	E-1	S12	F-1		
D46	F-1	S13	E-1		
D48	G-1	S14	D-3		
D49	F-1	S15	G-3		
D50	H-1	S16	F-3		
D51	E-1	S17	F-3		
D52	H-1	S18	E-3		
D53	E-2	S19	D-3		
D54	H-1	S20	D-1		
D55	C-2	S23	D-2		
		S24	C-2		



DP-62 -COMPONENT SIDE-
1-622-733-111
RVU-950
RVU-950P

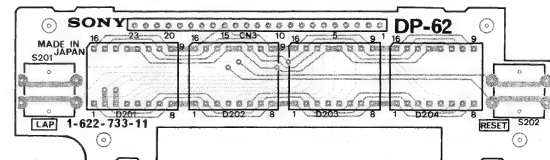
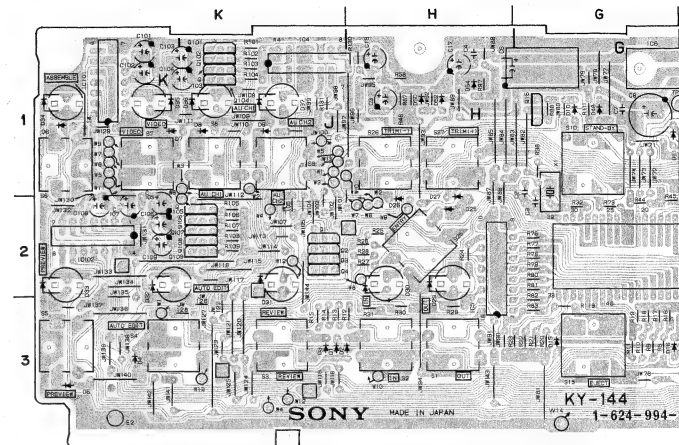


KY-144: FUNCTION KEY BOARD
DP-62: DISPLAY

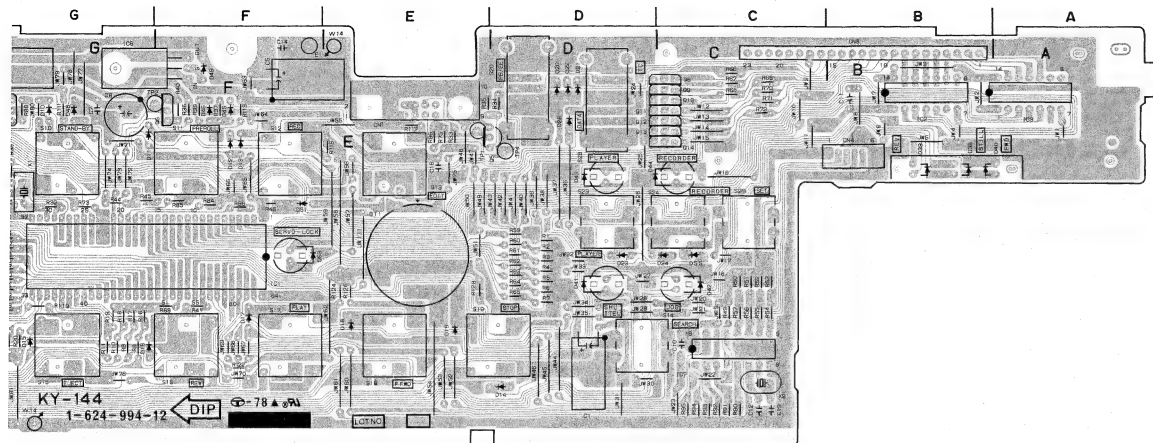
S/N 12081 AND HIGHER(EK)

KY-144 (1-624-994-11,12)

CN1	E1	E1	F1	S24	C2
CN3	B1	E2	K3	S25	H2
CN4	B1			S26	H1
		IC1	F2	S27	H1
D1	J3	IC2	B1	S28	D1
D2	J3	IC3	A1	S29	C2
D3	J3	IC4	J1		
D4	K3	IC5	H2	TP1	E1
D5	K3	IC6	G1	TP2	G1
D6	K1	IC7	C3	TP4	D1
D7	K1	IC101	K1		
D8	J1	IC102	K2	X1	G2
D9	J1			X2	C3
D10	G1	Q1	J2		
D11	G1	Q2	J2		
D12	F1	Q3	J2		
D13	F1	Q4	J2		
D14	D3	Q5	D1		
D15	G3	Q6	F1		
D16	G3	Q8	C1		
D17	F3	Q9	C1		
D18	E3	Q10	C1		
D19	E3	Q11	C1		
D20	D1	Q12	C1		
D21	D1	Q13	C1		
D22	D1	Q14	C1		
D23	D2	Q15	G1		
D24	C2	Q101	J1		
D25	H2	Q102	J1		
D26	H2	Q103	J1		
D27	H2	Q104	J1		
D28	D1	Q105	J2		
D29	H2	Q106	J2		
D30	H2	Q107	J2		
D31	J2	Q108	J2		
D32	K2	Q109	J2		
D33	K3				
D34	K1	S1	H3		
D35	K1	S2	H3		
D36	J1	S3	J3		
D37	J1	S4	K3		
D38	B1	S5	K3		
D39	B1	S6	K1		
D40	B1	S7	K1		
D41	D2	S8	J1		
D42	C2	S9	J1		
D43	D1	S10	G1		
D44	C1	S11	F1		
D45	D1	S12	F1		
D46	D1	S13	E1		
D48	G1	S14	D3		
D49	D1	S15	G3		
D50	H1	S16	F3		
D51	F2	S17	F3		
D52	H1	S18	E3		
D53	F2	S19	D3		
D54	H1	S20	D1		
D55	C2	S23	D2		



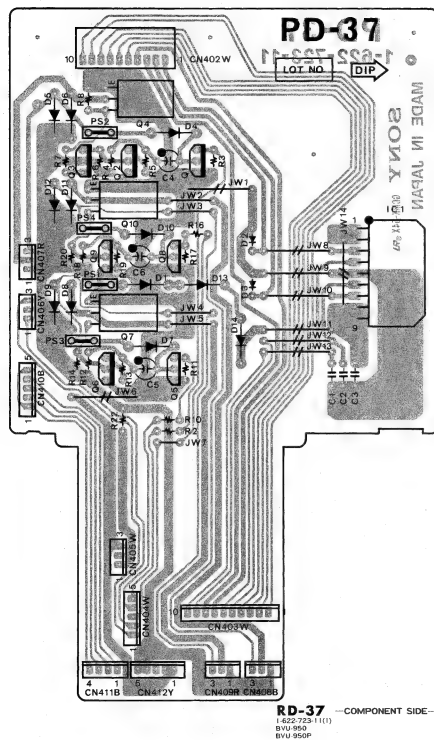
DP-62 COMPONENT SIDE
1-622-733-11(1)
BVU-950
BVU-950P



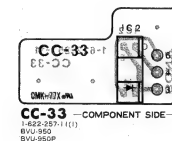
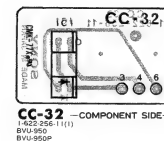
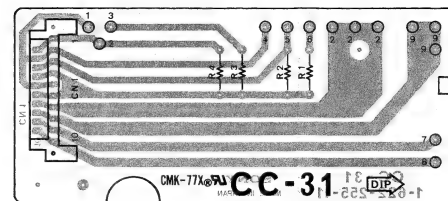
KY-144—COMPONENT SIDE—
1-624-994-11, 12(1)
BVU-950
BVU-950P



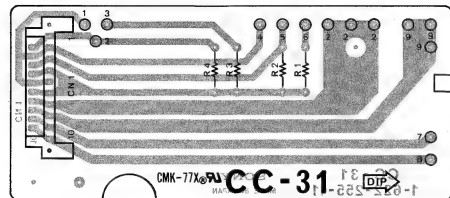
PD-37; CASSETTE-UP COMPARTMENT MOTOR DRIVER/SOLENOID DRIVER
 CC-31; CASSETTE COMPARTMENT DRIVER
 CC-32; CASSETTE DOWN DETECTOR
 CC-33; CASSETTE IN DETECTOR
 CC-36; CASSETTE DOWN DETECTOR
 CC-37; CASSETTE IN DETECTOR



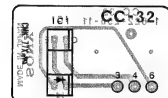
S/N UP TO 13680 (EK)



S/N UP TO 13680 (EK)



CC-31 —COMPONENT SIDE—
1-625-255-11(1)
BVU-950
BVU-950P

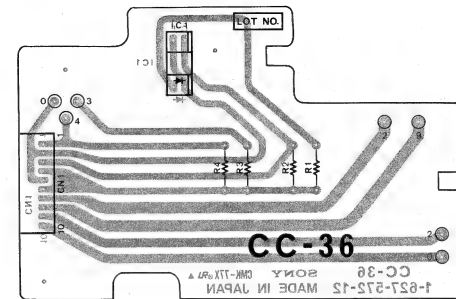


CC-32 —COMPONENT SIDE—
1-625-255-11(1)
BVU-950
BVU-950P

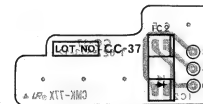


CC-33 —COMPONENT SIDE—
1-625-255-11(1)
BVU-950
BVU-950P

S/N 13681 AND HIGHER (EK)



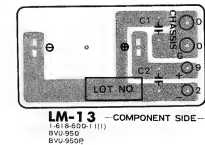
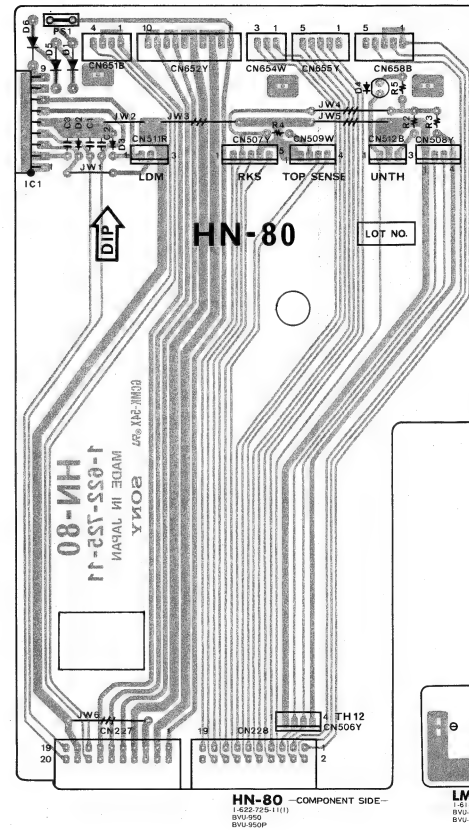
CC-36 —COMPONENT SIDE—
1-625-270-12(1)
BVU-950
BVU-950P



CC-37 —COMPONENT SIDE—
1-627-873-12(1)
BVU-950
BVU-950P

HN-80: THREADING MOTOR DRIVER

LM-13: THREADING MOTOR



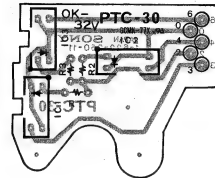
PH-5(A): TAPE TOP LED
 PH-5(B): TAPE TOP SENSOR
 PH-5(C): TAPE END LED
 PTC-26: TAPE END SENSOR
 PTC-30: SP, MISS REC. KCA DETECTOR
 PTC-32: SEARCH DIAL
 PTC-33: FR STOP DETECTOR
 PTC-34: UNTHREAD END DETECTOR



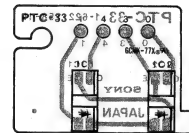
PH-5(A),(B),(C)
 —COMPONENT SIDE—
 1-603-737-1 (11)
 BVU-950
 BVU-950P



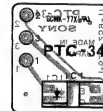
PTC-26 —COMPONENT SIDE—
 1-622-721-1 (11)
 BVU-950
 BVU-950P



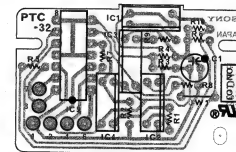
PTC-30 —COMPONENT SIDE—
 1-622-550-1 (11)
 BVU-950
 BVU-950P



PTC-33 —COMPONENT SIDE—
 1-622-550-1 (11)
 BVU-950
 BVU-950P



PTC-34 —COMPONENT SIDE—
 1-622-550-1 (11)
 BVU-950
 BVU-950P

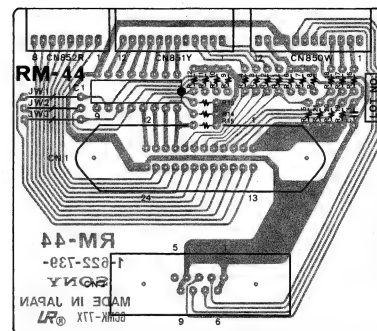


PTC-32 —COMPONENT SIDE—
 1-622-550-1 (11)
 BVU-950
 BVU-950P

RM-44 RM-44

RM-44: REMOTE CONTROL(9PIN & 24PIN)

S/N UP TO 10380(EK)



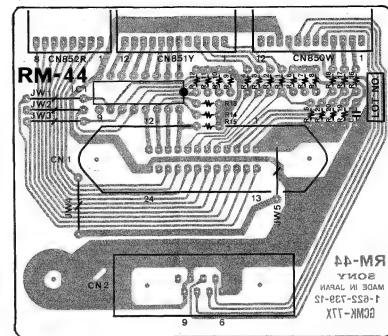
RM-44 —COMPONENT SIDE—
10380 (E1)
8VU-950
8VU-950P

RM-44

RM-44

RM-44; REMOTE CONTROL(9PIN & 24PIN)

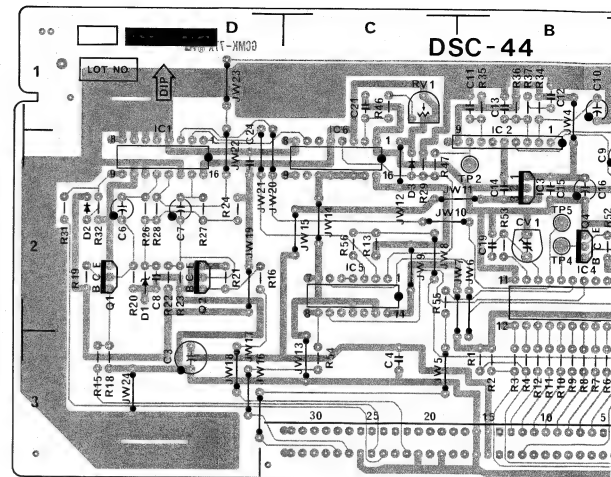
S/N 10381 AND HIGHER(EK)



RM-44 —COMPONENT SIDE—
 1-855-1381-1
 1-855-1381-2 (21)
 BVU-850
 BVU-950P

DSC-44 (1-622-710-11)

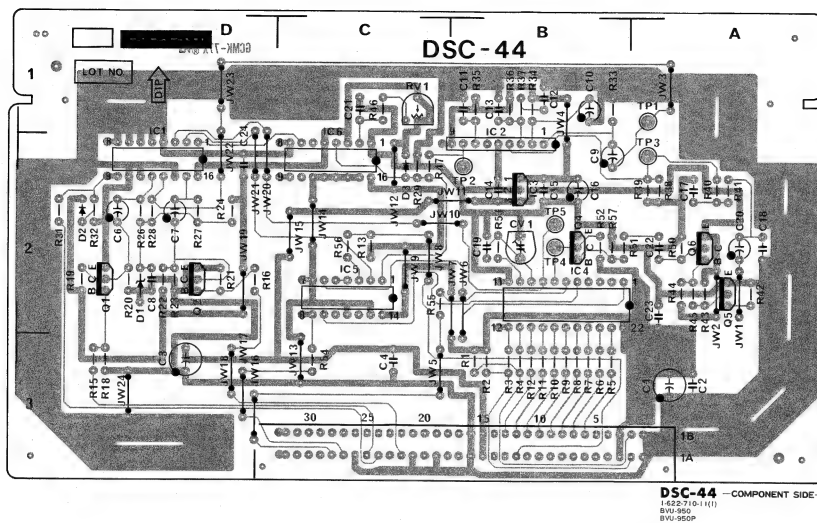
CV1	B-2
D1	D-2
D2	D-2
D3	C-2
IC1	D-2
IC2	B-2
IC3	B-2
IC4	B-2
IC5	C-2
IC6	C-2
Q1	D-2
Q2	D-2
Q4	B-2
Q5	A-2
Q6	A-2
RV1	C-1
TP1	A-1
TP2	B-2
TP3	A-2
TP4	B-2
TP5	B-2



DSC-44: CHARACTER GENERATOR

S/N UP TO 10380(EK)

2-710-11)



17-116(a)

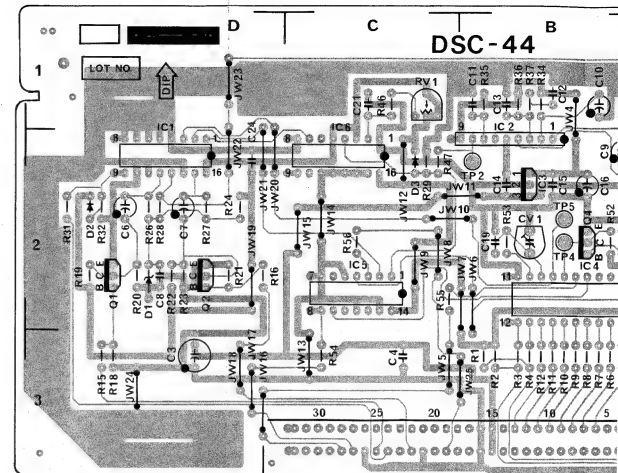
17-117(a)

DSC-44: CHARACTER GENERATOR

S/N 10381 TO 11280(EK)

DSC-44 (1-622-710-12)

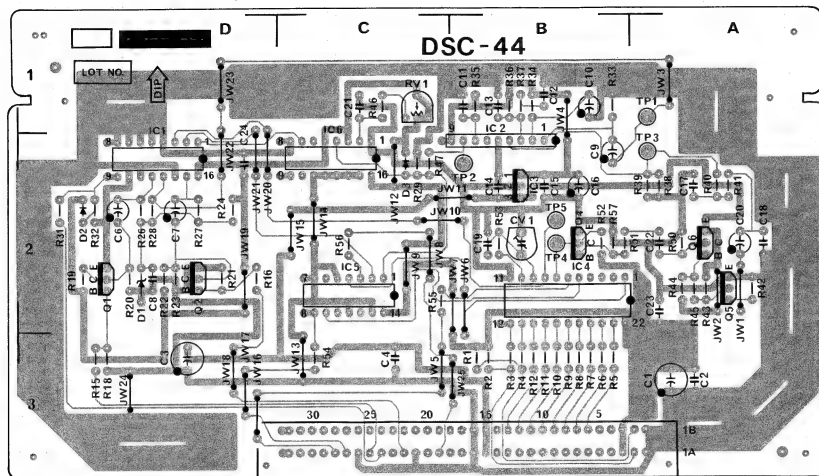
CV1	B-2
D1	D-2
D2	D-2
D3	C-2
IC1	D-2
IC2	B-2
IC3	B-2
IC4	B-2
IC5	C-2
IC6	C-2
Q1	D-2
Q2	D-2
Q4	B-2
Q5	A-2
Q6	A-2
RV1	C-1
TP1	A-1
TP2	B-2
TP3	A-2
TP4	B-2
TP5	B-2



DSC-44: CHARACTER GENERATOR

S/N 10381 TO 11280(EK)

2-71012)



DSC-44 - COMPONENT SIDE -
1 422-710-12(1)
BVI-950
BVI-950P

17-116(b)

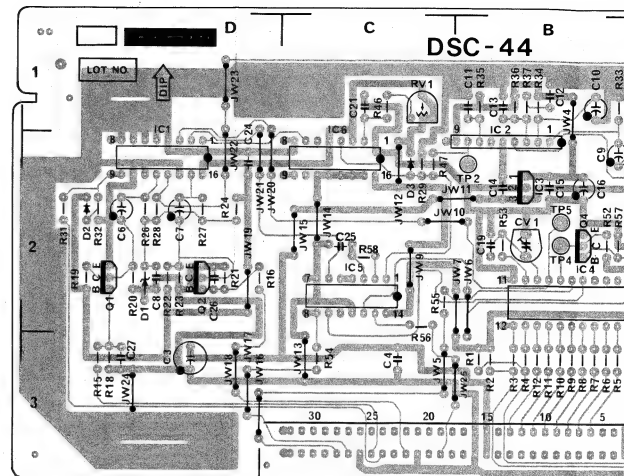
17-117(b)

DSC-44: CHARACTER GENERATOR

S/N 11281 AND HIGHER(EK)

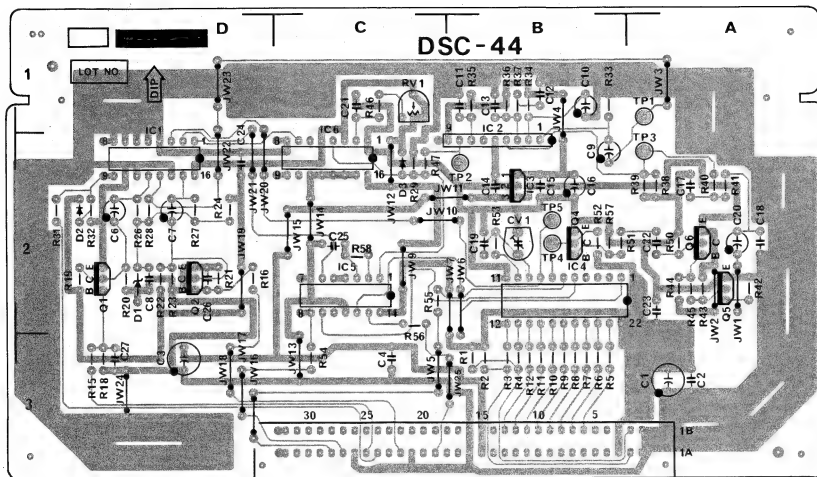
DSC44 (1-622-710-13)

CV1	B-2
D1	D-2
D2	D-2
D3	C-2
IC1	D-2
IC2	B-2
IC3	B-2
IC4	B-2
IC5	C-2
IC6	C-2
Q1	D-2
Q2	D-2
Q4	B-2
Q5	A-2
Q6	A-2
RV1	C-1
TP1	A-1
TP2	B-2
TP3	A-2
TP4	B-2
TP5	B-2



DSC-44: CHARACTER GENERATOR

S/N 11281 AND HIGHER(EK)

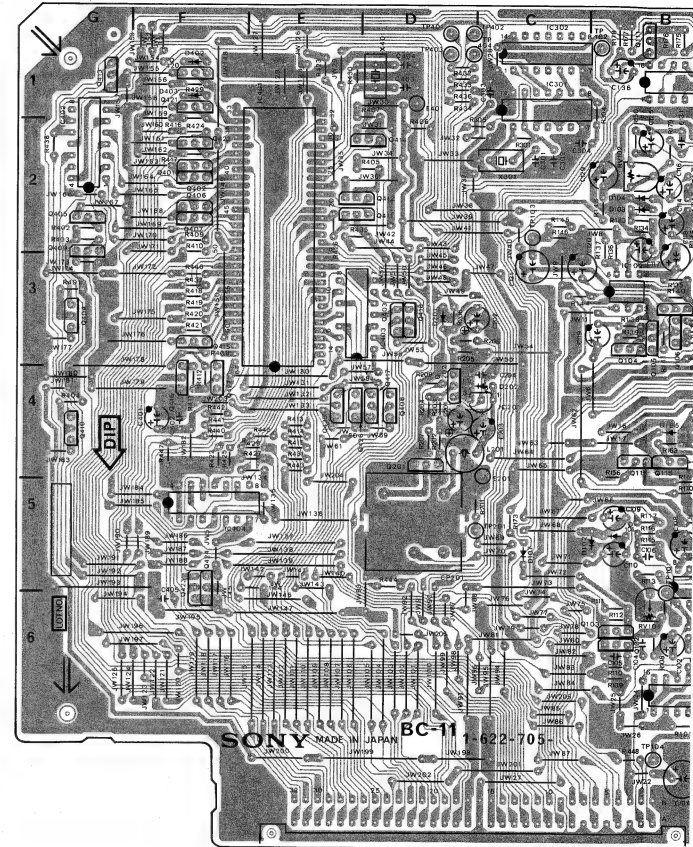


DSC-44 - COMPONENT SIDE -
1-625710-1(3U)
SVU-95A
SVU-95P

BC-11: VIDEO/AUDIO TIMING CONTROL, TIME CODE REC/PB AMPLIFIER, FULL ERASE OSCILLATOR
 HN-84: TIME CODE HEAD

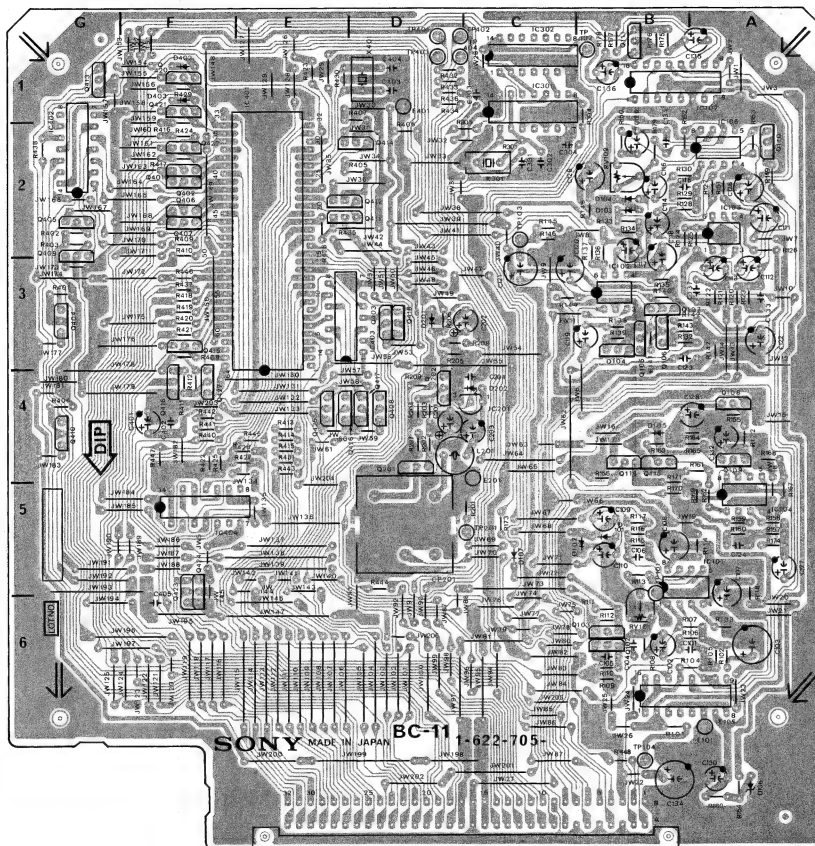
BC-11 (1-622-705-11, 12)

CP201	D-5	Q414	D-2
D101	B-5	Q415	F-3
D102	C-5	Q416	F-4
D103	B-2	Q417	D-4
D104	B-2	Q418	D-3
D105	B-4	Q420	F-1
D106	A-6	Q421	F-1
D107	C-5	Q422	F-2
D201	D-3	Q423	F-5
D202	C-4	Q424	F-5
D402	F-1	Q425	E-4
D403	F-1	Q426	E-4
		Q427	F-4
E101	A-6		
E201	C-4	RV101	B-6
E401	D-1	RV102	B-2
IC101	B-5	TP101	B-5
IC102	B-3	TP102	B-1
IC103	A-2	TP103	C-2
IC104	A-5	TP104	B-6
IC105	B-6	TP201	C-5
IC106	A-2	TP401	D-1
IC107	B-1	TP402	D-1
IC201	C-4	TP403	D-1
IC301	C-1	TP404	D-1
IC302	C-1		
IC401	E-2	X301	C-2
IC402	G-2	X401	D-1
IC403	E-3		
IC404	F-5		
Q102	B-6		
Q103	B-6		
Q104	B-3		
Q105	B-3		
Q106	B-3		
Q107	B-3		
Q108	A-4		
Q109	A-4		
Q110	A-2		
Q111	B-1		
Q115	B-4		
Q116	B-4		
Q201	D-4		
Q202	D-4		
Q401	F-2		
Q402	F-2		
Q403	D-3		
Q404	G-3		
Q405	G-2		
Q406	F-2		
Q407	F-2		
Q408	D-4		
Q409	G-2		
Q410	G-4		
Q411	E-2		
Q412	E-2		
Q413	G-1		



BC-11: VIDEO/AUDIO TIMING CONTROL, TIME CODE REC/PB AMPLIFIER, FULL ERASE OSCILLATOR
 HN-84: TIME CODE HEAD

S/N UP TO 10980(EK)



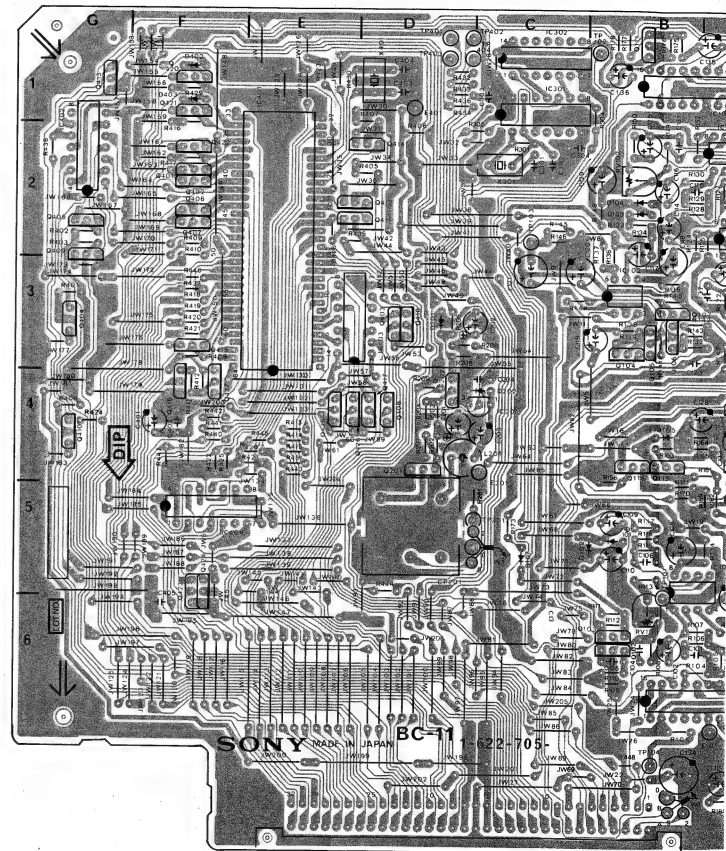
HN-84 — COMPONENT SIDE —
 1-622-705-11(1)
 BVU-950
 BVU-950P

BC-11 — COMPONENT SIDE —
 1-622-705-11,12(2)
 BVU-950
 BVU-950P

BC-11: VIDEO/AUDIO TIMING CONTROL, TIME CODE REC/PB AMPLIFIER, FULL ERASE OSCILLATOR
HN-84: TIME CODE HEAD

BC-11 (1-622-705-13,14)

CP201	D-5	Q414	D-2
D101	B-5	Q415	F-3
D102	C-5	Q416	F-4
D103	B-2	Q417	D-4
D104	B-2	Q418	D-3
D105	B-4	Q420	F-1
D106	A-6	Q421	F-1
D107	C-5	Q422	F-2
D201	D-3	Q423	F-5
D202	C-4	Q424	F-5
D402	F-1	Q425	E-4
D403	F-1	Q426	E-4
		Q427	F-4
E101	A-6		
E201	C-4	RV101	B-6
E401	D-1	RV102	B-2
IC101	B-5	TP101	B-5
IC102	B-3	TP102	B-1
IC103	A-2	TP103	C-2
IC104	A-5	TP104	B-6
IC105	B-6	TP201	C-5
IC106	A-2	TP401	D-1
IC107	B-1	TP402	D-1
IC201	C-4	TP403	D-1
IC301	C-1	TP404	D-1
IC302	C-1		
IC401	E-2	X301	C-2
IC402	G-2	X401	D-1
IC403	E-3		
IC404	F-5		
Q102	B-6		
Q103	B-6		
Q104	B-3		
Q105	B-3		
Q106	B-3		
Q107	B-3		
Q108	A-4		
Q109	A-4		
Q110	A-2		
Q111	B-1		
Q115	B-4		
Q116	B-4		
Q201	D-4		
Q202	D-4		
Q401	F-2		
Q402	F-2		
Q403	D-3		
Q404	G-3		
Q405	G-2		
Q406	F-2		
Q407	F-2		
Q408	D-4		
Q409	G-2		
Q410	G-4		
Q411	E-2		
Q412	E-2		
Q413	G-1		



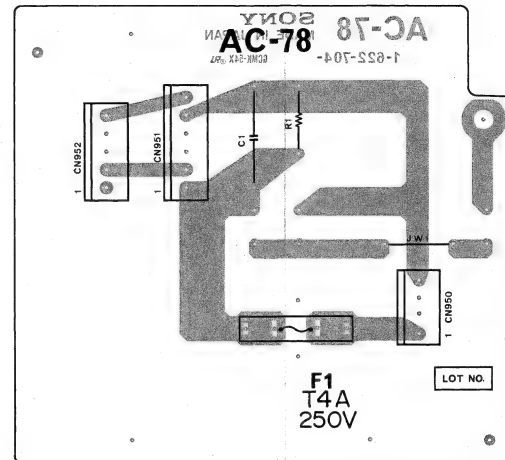
HN 1-622-726-1
-84 SONY
JAPAN

HN-84 —COMPONENT SIDE—
1-622-726-11(1)
BVU-950
BVU-950P

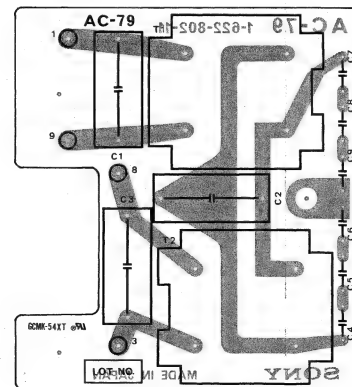
BC-11 —COMPONENT SIDE—
I-622-705-13, 14(I)
BVU-950
BVU-950P

AC-78A: AC PRIMARY CIRCUIT
AC-79: LINE FILTER

S/N UP TO 10380(EK)



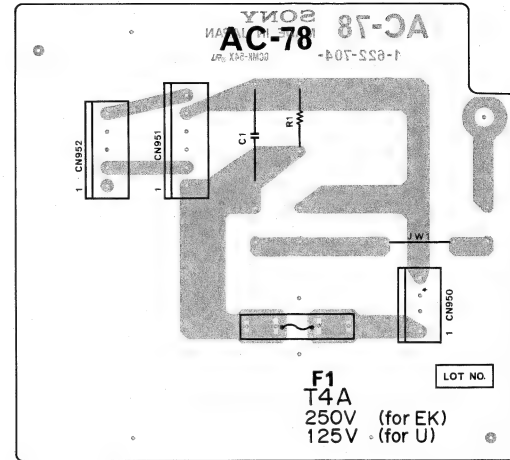
AC-78A —COMPONENT SIDE—
1-822-704-1 (1, 2) 8VU-950P



AC-79 —COMPONENT SIDE—
1-822-704-1 (1, 2) 8VU-950P

AC-78A: AC PRIMARY CIRCUIT

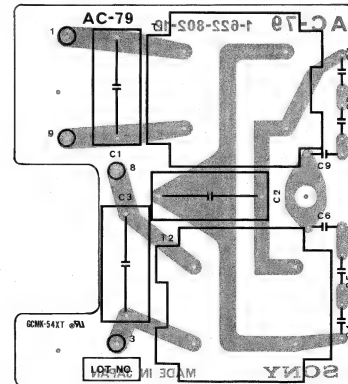
S/N 10381 AND HIGHER(EK)



AC-78/78A -COMPONENT SIDE-
1-622-704-11, 1232
BVU 950P

AC-79: LINE FILTER

S/N 10381 TO 14270 (EK)



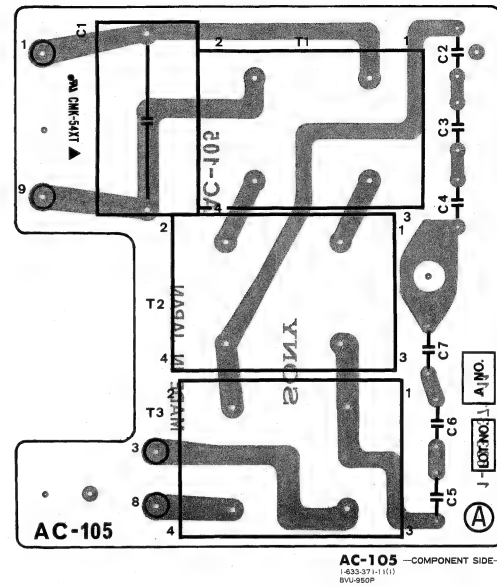
AC-79 -COMPONENT SIDE-
1-622-704-11, 1232
BVU 950P

AC-105

AC-105

AC-105; LINE FILTER

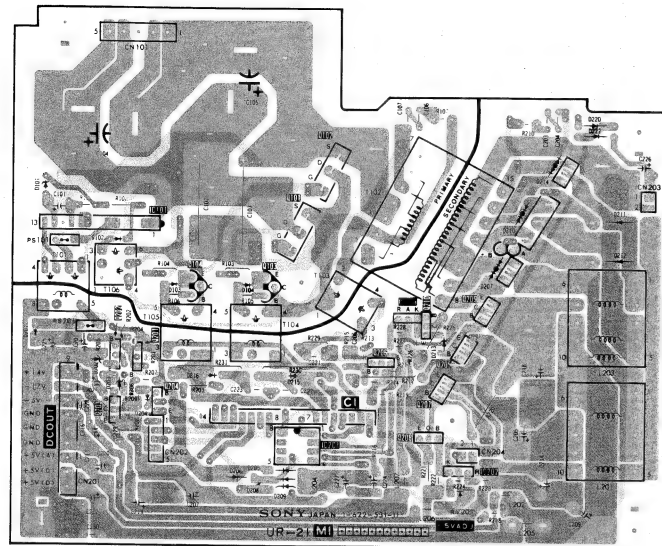
S/N 14271 AND HIGHER (EK)



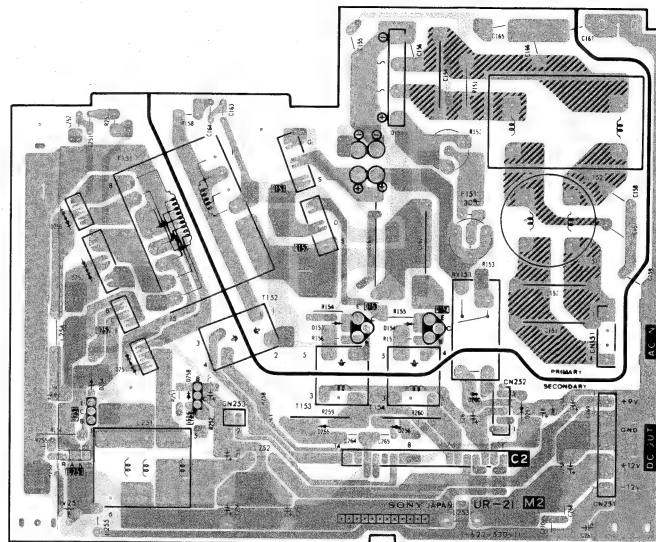
UR-21: SWITCHING REGULATOR

S/N UP TO 12080 (EK)

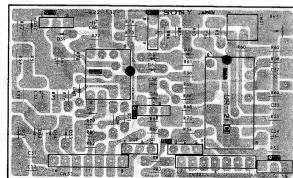
C1
C2
M1
M2



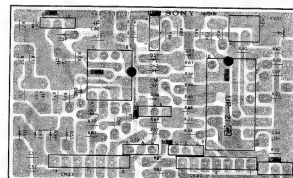
M1 - SOLDERING SIDE -
1-622-932-1 (1)
BVU-950
BVU-950P



M2 - SOLDERING SIDE -
1-622-932-1 (1)
BVU-950
BVU-950P



C1 - SOLDERING SIDE -
1-622-932-1 (1)
BVU-950
BVU-950P

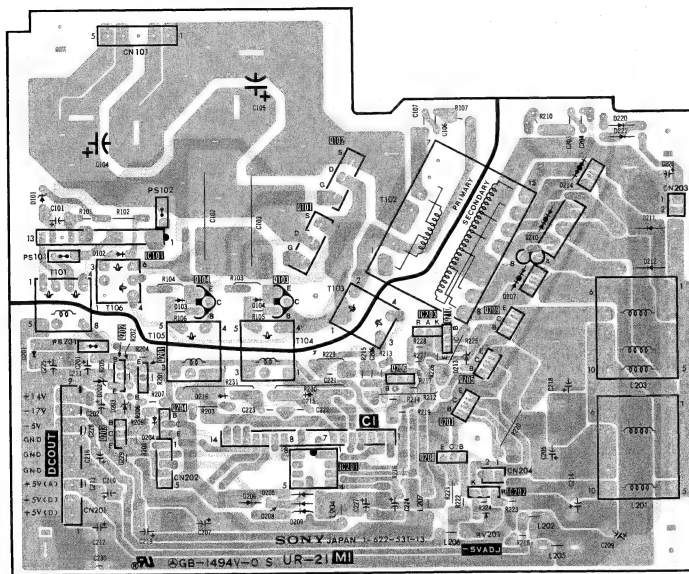


C2 - SOLDERING SIDE -
1-622-932-1 (1)
BVU-950
BVU-950P

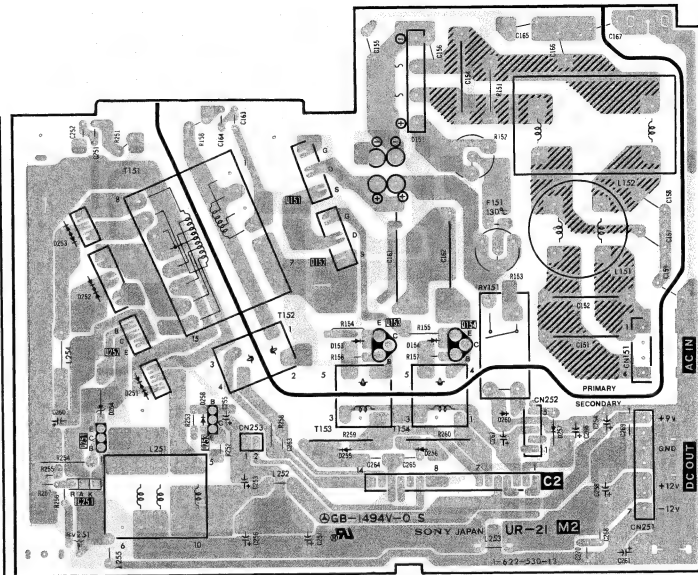
UR-21: SWITCHING REGULATOR

S/N 12081 AND HIGHER (EK)

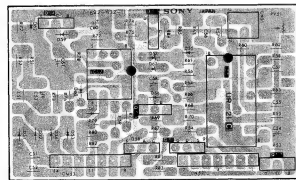
C1
C2
M1
M2



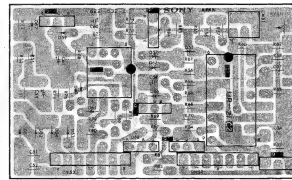
M1 - SOLDERING SIDE -
1-622-530-12(1)
BVU-950
BVU-950P



M2 - SOLDERING SIDE -
1-622-530-12(1)
BVU-950
BVU-950P



C1 - SOLDERING SIDE -
1-622-530-21(1)
BVU-950
BVU-950P



C2 - SOLDERING SIDE -
1-622-530-21(1)
BVU-950
BVU-950P

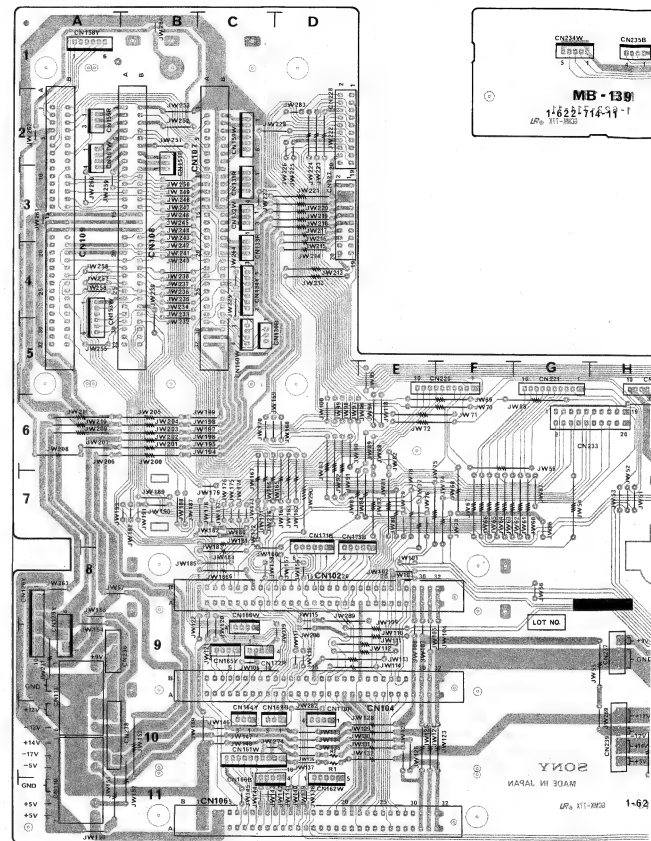
MB-127: MOTHER BOARD

MB-139: SUB MOTHER FOR TC

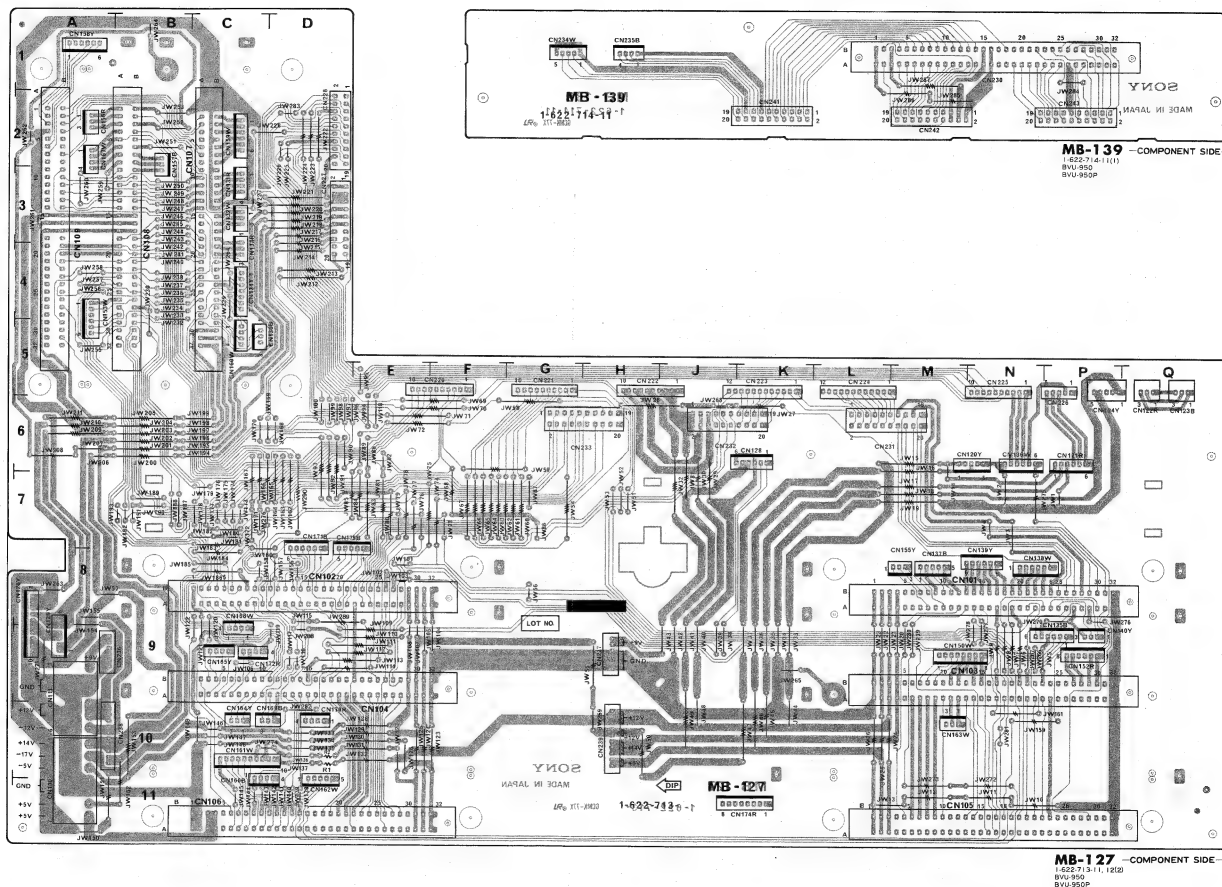
S/N UP TO 10980(EK)

MB127 (1-622-713-11, 12)

CN101	N-8	CN226	P-5
CN102	D-8	CN227	D-3
CN103	N-9	CN228	D-2
CN104	D-9	CN231	L-6
CN105	N-11	CN232	J-6
CN106	C-11	CN233	H-6
CN107	C-2	CN236	A-9
CN108	B-3	CN237	H-9
CN109	A-3	CN238	A-10
CN110	A-11	CN239	H-10
CN111	A-9		
CN120	N-6		
CN121	P-6		
CN122	Q-5		
CN123	Q-5		
CN124	P-5		
CN126	A-8		
CN128	K-6		
CN129	A-9		
CN130	C-5		
CN131	C-3		
CN132	C-3		
CN133	C-4		
CN134	C-4		
CN135	P-9		
CN136	N-6		
CN137	M-8		
CN138	N-8		
CN139	N-8		
CN140	P-9		
CN150	M-9		
CN152	P-9		
CN153	A-4		
CN155	M-8		
CN156	A-2		
CN157	B-2		
CN158	A-1		
CN159	C-2		
CN160	C-5		
CN161	C-10		
CN162	D-11		
CN163	M-10		
CN164	C-10		
CN165	C-9		
CN166	D-11		
CN167	A-2		
CN168	C-9		
CN169	D-10		
CN170	D-10		
CN171	D-7		
CN172	C-9		
CN174	K-11		
CN175	D-7		
CN220	F-5		
CN221	G-5		
CN222	H-5		
CN223	K-5		
CN224	L-5		
CN225	N-5		



P-5
D-3
D-2
L-6
J-6
H-6
A-9
H-9
A-10
H-10



17-138(a)

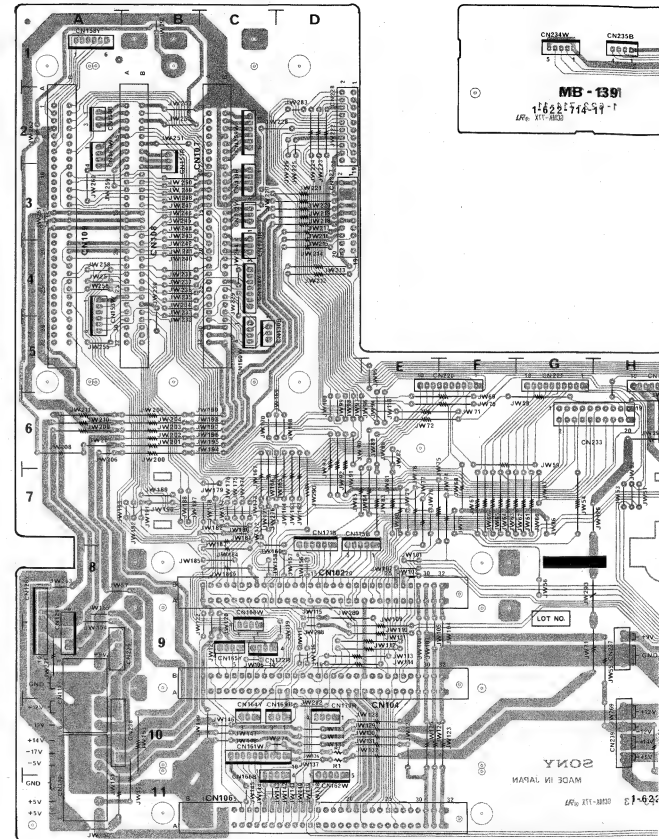
17-139(a)

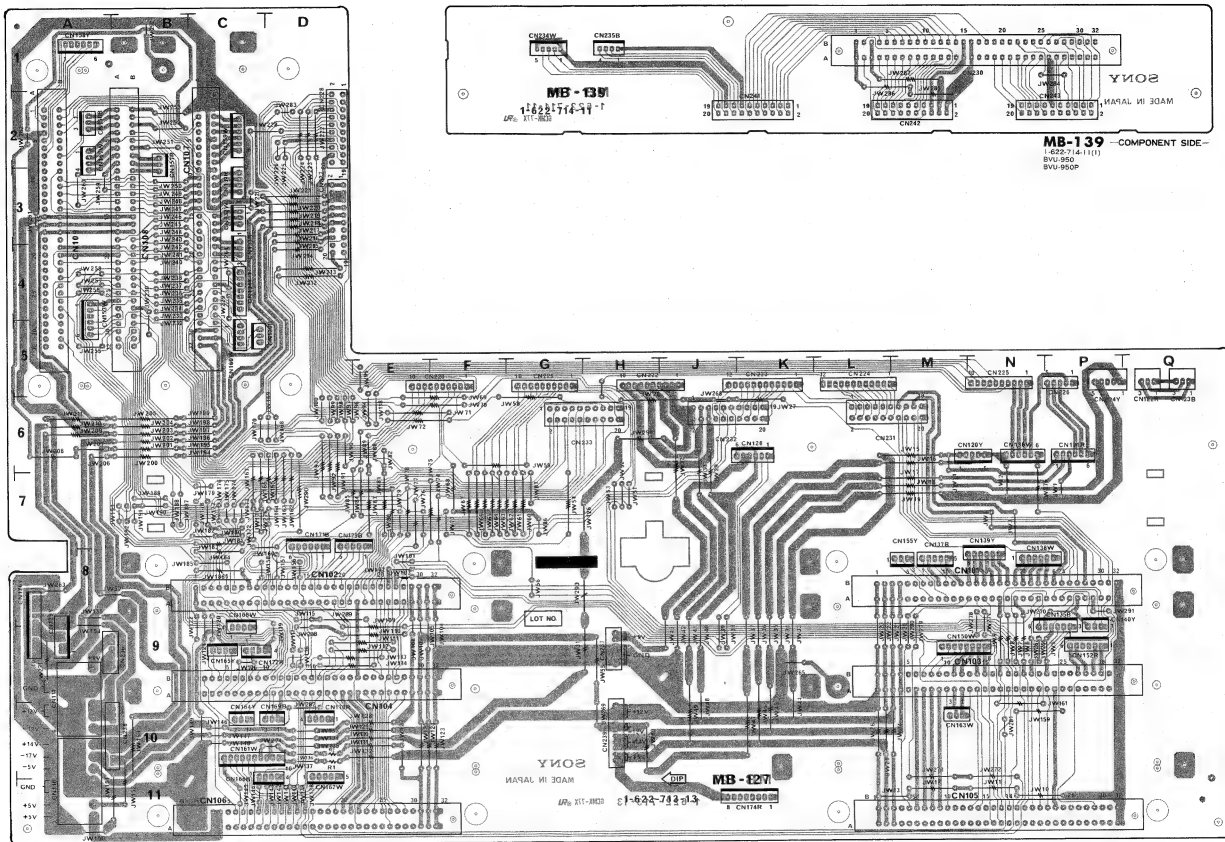
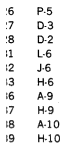
MB-127: MOTHER BOARD
MB-139: SUB MOTHER FOR TC

S/N 10981 AND HIGHER(EK)

MB-127 (1-622-713-13)

CN101	N-8	CN226	P-5
CN102	D-8	CN227	D-3
CN103	N-9	CN228	D-2
CN104	D-9	CN231	L-6
CN105	N-11	CN232	J-6
CN106	C-11	CN233	H-6
CN107	C-2	CN236	A-9
CN108	B-3	CN237	H-9
CN109	A-3	CN238	A-10
CN110	A-11	CN239	H-10
CN111	A-9		
CN120	N-6		
CN121	P-6		
CN122	Q-5		
CN123	Q-5		
CN124	P-5		
CN126	A-8		
CN128	K-6		
CN129	A-9		
CN130	C-5		
CN131	C-3		
CN132	C-3		
CN133	C-4		
CN134	C-4		
CN135	P-9		
CN136	N-6		
CN137	M-8		
CN138	N-8		
CN139	N-8		
CN140	P-9		
CN150	M-9		
CN152	P-9		
CN153	A-4		
CN155	M-8		
CN156	A-2		
CN157	B-2		
CN158	A-1		
CN159	C-2		
CN160	C-5		
CN161	C-10		
CN162	D-11		
CN163	M-10		
CN164	C-10		
CN165	C-9		
CN166	D-11		
CN167	A-2		
CN168	C-9		
CN169	D-10		
CN170	D-10		
CN171	D-7		
CN172	C-9		
CN174	K-11		
CN175	D-7		
CN220	F-5		
CN221	G-5		
CN222	H-5		
CN223	K-5		
CN224	L-5		
CN225	N-5		



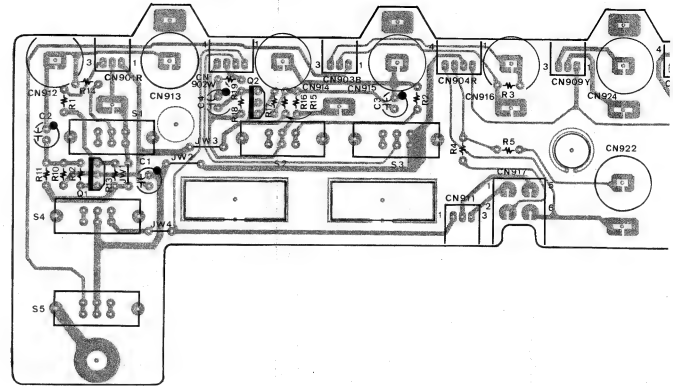


17-138(b)

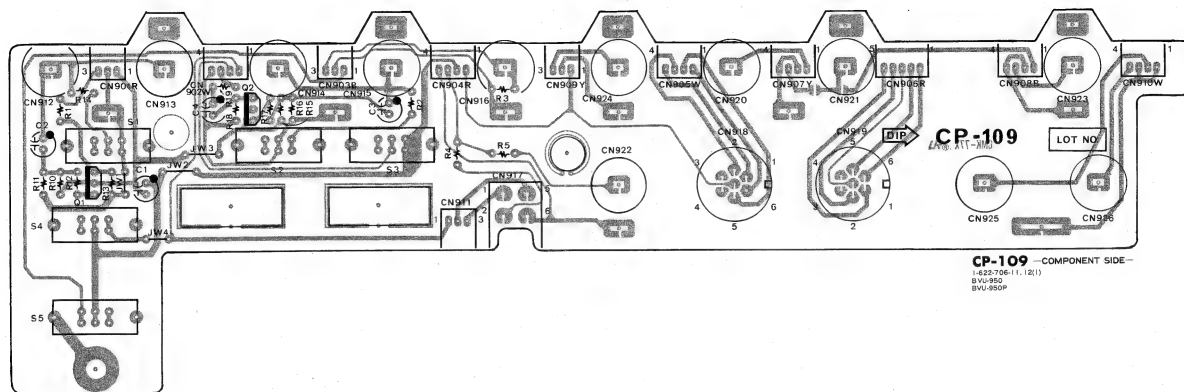
17-139(b)

MB-127 —COMPONENT SIDE—
1-622-713-13(1)
BVU-950
BVU-950P

CP-109; CONNECTOR PANEL



CP-109; CONNECTOR PANEL



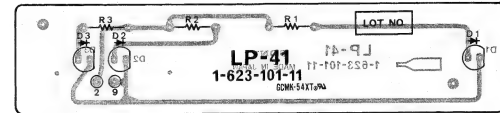
HN-83,LP-41,RM-45

HN-83,LP-41,RM-45

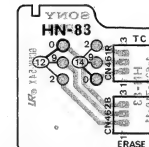
HN-83: RELAY BOARD FOR TIME CODE HEAD/ERASE HEAD

LP-41: CASSETTE COMPARTMENT LIGHT

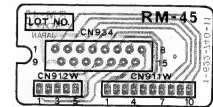
RM-45: TBC REMOTE CONTROL



LP-41 —COMPONENT SIDE—
1-623-101-11 (1)
BVU-950
BVU-950P



HN-83 —COMPONENT SIDE—
1-623-101-11 (1)
BVU-950
BVU-950P



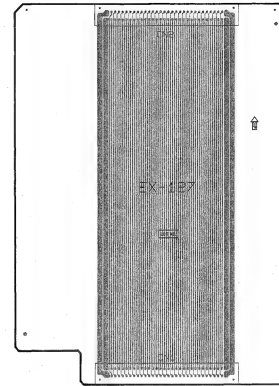
RM-45 —COMPONENT SIDE—
1-623-101-11 (1)
BVU-950
BVU-950P

EX-127,EX-128

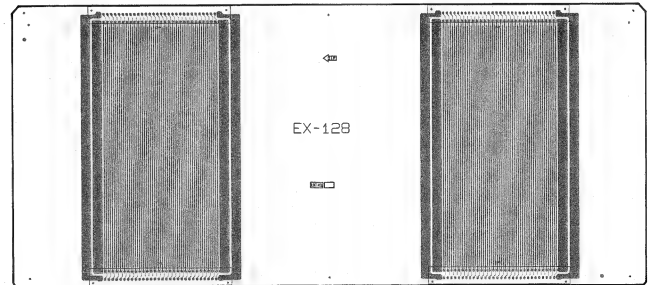
EX-127,EX-128

EX-127; EXTENSION BOARD FOR AUDIO/TIME CODE

EX-128; EXTENSION BOARD FOR VIDEO/SERVO/TBC



EX-127 —COMPONENT SIDE—
1-622-711-11(1)
BVU-950
BVU-950P




EX-128 —COMPONENT SIDE—
1-622-712-11(1)
BVU-950
BVU-950P

SECTION 18 SPARE PARTS AND FIXTURE

18-1. PARTS INFORMATION

(1)

The shaded and  -marked components are critical to safety. Replace only with same components as specified.

- (2) Replacement Parts supplied from the Sony Parts Center will sometimes have a different shape from the original parts. This is due to "improved parts and/or engineering changes" or "standardization of genuine parts". This manual's exploded views and electrical spare parts list indicate the part numbers of "the standardized genuine parts at the present". Regarding engineering part changes by the engineering department, refer to Sony service bulletins and service manual supplements.
- (3) The parts marked with "s" in the SP column of the exploded views and electrical spare parts lists are normally stocked for replacement purposes. The parts marked with "o" in the SP column are not normally required for routine service work. Orders for parts marked with "o" will be processed, but allow for additional delivery time.
- (4) Items with no part number and/or no description are not stocked because they are seldom required for routine service.
- (5) (T) after a spring description is shown on the exploded views in order to indicate the number of spring turns required for the use. (Example) Spring, tension (24T); This spring must be cut at its 24th turn for actual use.

PARTS CHANGE INFORMATION

.In this parts list, **) marked parts are design-changed.
.Applicable Serial No. are as follows;

- 1) Marked parts are for Serial No. up to 10080.
- 2) Marked parts are for Serial No. 10081 and higher.
- 3) Marked parts are for Serial No. up to 10380.
- 4) Marked parts are for Serial No. 10381 and higher.
- 5) Marked parts are for Serial No. up to 10980.
- 6) Marked parts are for Serial No. 10981 and higher.
- 7) Marked parts are for Serial No. up to 11280.
- 8) Marked parts are for Serial No. 11281 and higher.
- 9) Marked parts are for Serial No. up to 11680.
- 10) Marked parts are for Serial No. 11681 and higher.
- 11) Marked parts are for Serial No. up to 13680.
- 12) Marked parts are for Serial No. 13681 and higher.
- 13) Marked parts are for Serial No. up to 13730.
- 14) Marked parts are for Serial No. 13731 and higher.
- 15) Marked parts are for Serial No. up to 13990.
- 16) Marked parts are for Serial No. 13991 and higher.
- 17) Marked parts are for Serial No. up to 14190.
- 18) Marked parts are for Serial No. 14191 and higher.
- 19) Marked parts are for Serial No. up to 14270.
- 20) Marked parts are for Serial No. 14271 and higher.
- 21) Marked parts are for Serial No. up to 14370.
- 22) Marked parts are for Serial No. 14371 and higher.
- 23) Marked parts are for Serial No. up to 14420.
- 24) Marked parts are for Serial No. 14421 and higher.
- 25) Marked parts are for Serial No. up to 14535.
- 26) Marked parts are for Serial No. 14536 and higher.
- 27) Marked parts are for Serial No. up to 14645.
- 28) Marked parts are for Serial No. 14646 and higher.

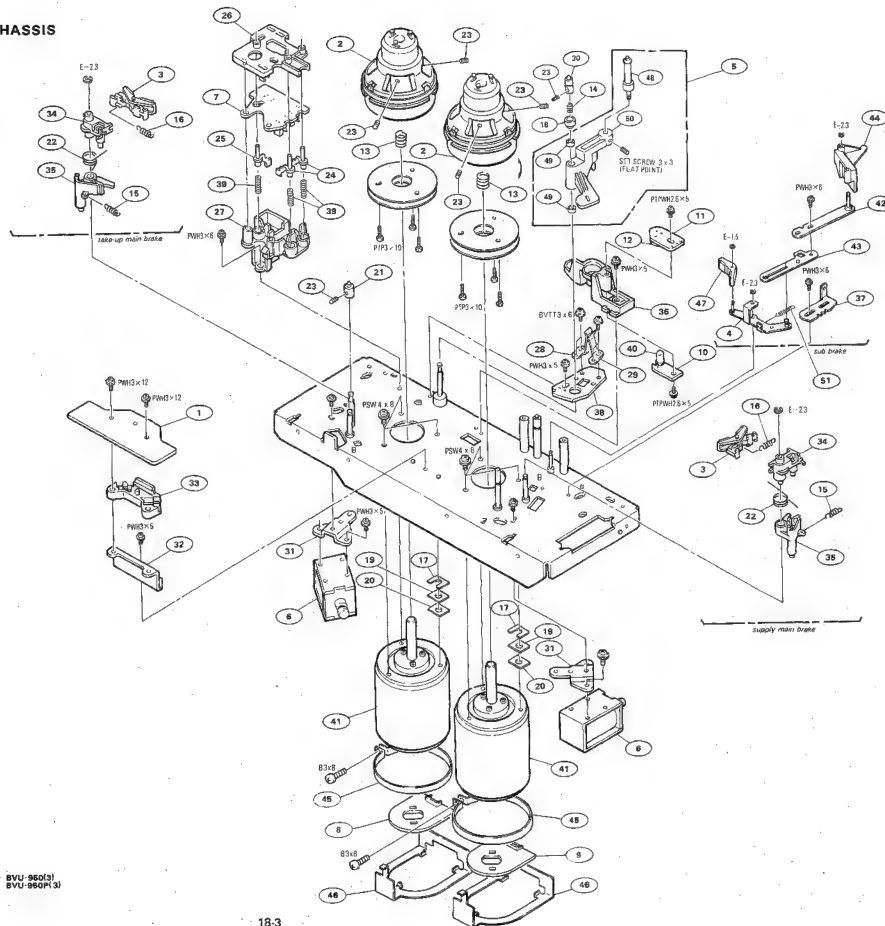
18-2. EXPLODED VIEW

. Exploded views are composed of the following blocks.

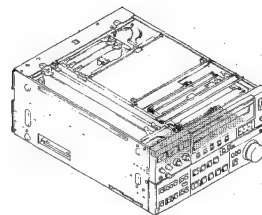
- (1) Reel Chassis
 - supply reel table
 - take-up reel table
 - supply main brake
 - take-up main brake
 - sub brake
 - take-up tension detector
 - TRC detector
 - reel motors
 - reel table rotation detector
- (2) Threading Ring Block
 - threading ring
 - gear box
 - T correction guide
 - tape beginning sensor
 - FR detector
- (3) Threading Arm
 - T drawer arm
 - S drawer arm
 - S drawer roller
 - drawer lever
- (4) Drum and Capstan Blocks
 - head drum
 - capstan motor
 - audio/ CTL head
 - tape guides
- (5) Erase Head Base
 - erase head base
 - S guard
 - supply tension detector
- (6) Pinch Lever and Pinch Solenoid Blocks
 - pinch lever
 - pinch roller pre-set cam
 - pinch solenoid
- (7) Cassette-up Compartment Block
- (8) Function Control
 - function control board
 - search dial
- (9) Level Control
 - level control board
 - level meter
 - power sw
- (10) Chassis Block (Rear)
 - printed circuit boards
- (11) Chassis Block (Left)
 - printed circuit boards
 - left side panel
- (12) Chassis Block (Right)
 - printed circuit boards
- (13) Chassis Block (Bottom)
 - printed circuit boards
- (14) Chassis Block (Front)
 - TBC control board
 - cassette-up compartment stay
- (15) Connector Panel
- (16) Rear Panel
 - fan motor
 - AC inlet
 - remote connector
 - DBS Ass'y
- (17) Switching Regulator
- (18) Ornamental Panel (1)
 - function control panel
 - search dial
- (19) Ornamental Panel (2)
 - level control panel
- (20) Ornamental Panel (3)
 - U case
 - bottom plate

REEL CHASSIS REEL CHASSIS

1. REEL CHASSIS



BVU-96031
BVU-96031

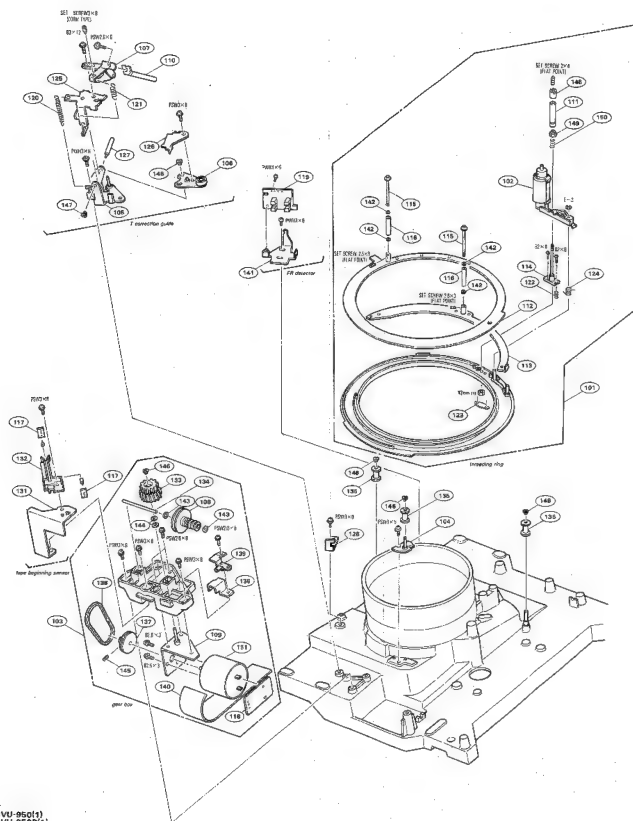
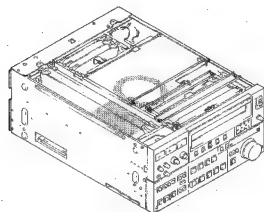


No.	Parts No.	SP	Description
1	A-6729-496-A	o	MOUNTED CIRCUIT BOARD, SE-48
2	A-6739-080-A	s	TABLE ASS'Y, REEL
3	X-3668-749-0	s	HOLDER ASS'Y, LINDING
4	X-3718-628-1	s	ARM ASS'Y, TUS BRAKE
5	A-6706-994-A	s	ARM BLOCK ASS'Y, T SENSOR
A6 1-454-417-41 s SOLENOID, FLINGER			
7	1-622-260-11	o	RINTED CIRCUIT BOARD, FTO-30
8	1-622-715-11	o	RINTED CIRCUIT BOARD, DUB-177
9	1-622-716-11	o	RINTED CIRCUIT BOARD, DUB-178
10	1-622-717-11	o	RINTED CIRCUIT BOARD, LE-54
11	1-622-718-11	o	RINTED CIRCUIT BOARD, FTO-29
12	1-805-232-21	s	RECTOR ME-1102/S.N
13	2-883-308-00	s	SPRING, (S)
14	3-307-932-00	s	SPRING, COMPRESSION
15	3-335-369-KX	s	SPRING, TENSION (12T)
16	3-548-124-00	s	SPRING, TENSION
17	3-630-055-11	s	SPACER, REEL MOTOR (0.02T)
18	3-650-512-00	s	COLLAR, (A)
19	3-651-203-11	s	SPACER, REEL MOTOR (0.05T)
20	3-651-203-21	s	SPACER, REEL MOTOR (0.1T)
21	3-668-031-00	o	RETAINER (UPPER), CASSETTE
22	3-668-066-00	o	SPRING
23	3-701-506-01	o	SET SCREW, DOUBLE POINT 3/4
24	3-718-307-01	s	ACTUATOR, TAC
25	3-718-307-11	s	ACTUATOR, TAC
26	3-718-342-01	o	TAC BOX (UPPER)
27	3-718-342-02	o	TAC BOX (LOWER)
28	3-718-629-03	o	SPRING (1), LEAF, T
29	3-718-630-03	o	SPRING (2), LEAF, T
30	3-718-660-01	o	RETAINER (TF), CASSETTE
31	3-718-673-01	o	SUSPENSER, BS
32	3-718-686-01	o	FLINGER, B
33	3-718-700-01	o	HOLDER, DMS
34	3-718-712-01	o	ARM, BRAKE
35	3-718-713-01	o	ARM, BRAKE RELEASE
36	3-718-741-01	o	HOLDER, T-CDS
37	3-718-767-01	o	SCALE, POWER
38	3-718-770-02	o	BASE, T SPRING
39	4-858-779-00	s	SPRING, COMPRESSION
40	8-719-930-20	s	DIODE HEMP-1302
41	8-835-255-01	o	MOTOR, DC B43278181A
42	X-3718-629-1	s	RINK ASS'Y, BRAKE RELEASE
43	3-718-764-01	o	RINK (A), BRAKE RELEASE
44	3-718-766-01	o	ARM, DRIVING
45	3-718-795-01	o	BAND, M
46	3-718-796-01	o	HOLDER, M FC BOARD
47	A-3718-641-1	s	LINDING ASS'Y
48	A-6646-063-A	s	ROLLER BLOCK ASS'Y, G
49	3-698-217-01	s	BEARING (NO PLANGE), BALL
50	3-718-779-01	s	ARM, T SENSOR
51	3-642-753-00	s	SPRING, TENSION

THREADING RING BLOCK

THREADING RING BLOCK

2. THREADING RING BLOCK

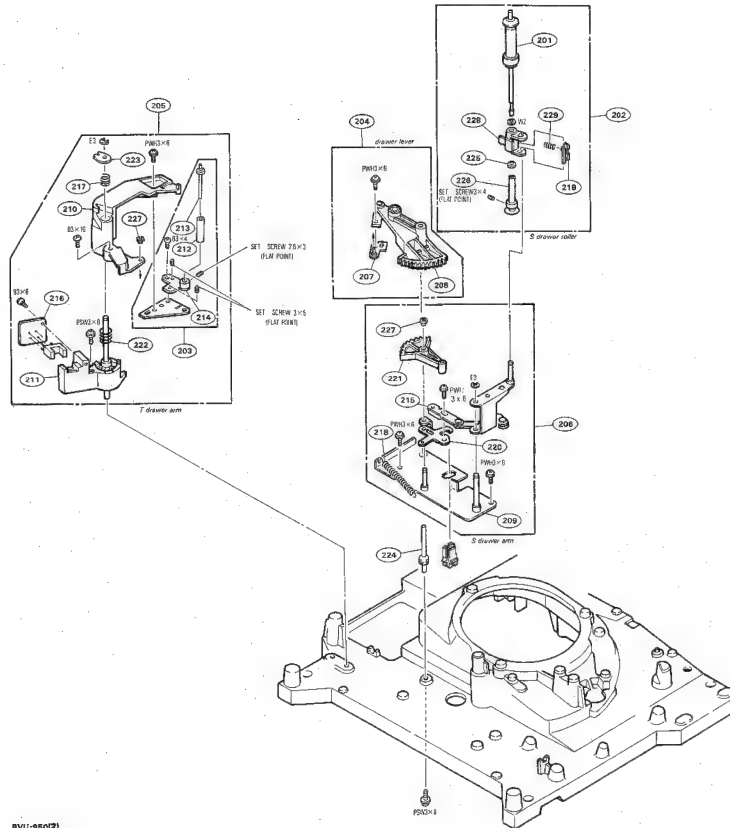
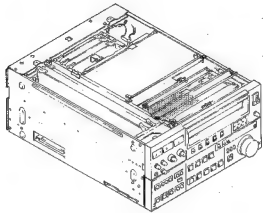


BUU-850(1)
BUU-850P(1)

No.	Parts No.	SP	Description
101	A-6750-222-A	o	RING BLOCK ASS'Y, MAIN
102	A-6750-223-A	o	PINCH ROLLER BLOCK ASS'Y
103	A-6750-224-A	o	BOX BLOCK ASS'Y, CHAIR
104	X-3668-719-0	o	ROLLER ASS'Y, RING
105	X-3668-721-0	o	GRASSIS ASS'Y, GUIDE
106	X-3668-722-0	o	LOCKER ASS'Y, FR
107	X-3668-723-2	o	ARM ASS'Y, GUIDE, T CORRECTION
108	X-3668-743-0	o	PULLY ASS'Y, WORM
109	X-3672-704-1	o	BRACKET ASS'Y, MOTOR
110	X-3672-718-2	o	SHAFT ASS'Y, GUIDE
111	X-3718-602-1	o	ROLLER ASS'Y, GUIDE PRECEDING
112	X-3718-604-1	o	RING (UPPER) ASS'Y, SUB
113	X-3718-605-1	o	RING (LOWER) ASS'Y, SUB
114	X-3718-606-1	o	BASE ASS'Y, PRECEDING
115	X-3718-607-1	o	SHAFT ASS'Y, RG
116	X-3718-614-1	o	GUIDE ASS'Y, TAPE
117	1-603-737-00	o	PRINTED CIRCUIT BOARD, PH-5
118	1-618-600-11	o	PRINTED CIRCUIT BOARD, 14-13
119	1-622-258-11	o	PRINTED CIRCUIT BOARD, PTC-33
120	3-143-067-00	o	SPRING, TENSION
121	3-437-289-00	o	SPRING, TENSION
122	3-634-198-00	o	SPRING
123	3-668-743-80	o	RUT, PLATE, ROLLER, PRECEDING
124	3-668-745-00	o	SPRING
125	3-668-749-02	o	ARM (A), GUIDE, T CORRECTION
126	3-668-755-00	o	PLATE, ADJUSTMENT, FR, LOCKER
127	3-668-756-00	o	SHAFT, GUIDE ARM, T CORRECTION
128	3-668-755-00	o	PLATE, STOPPER, SR
131	3-668-900-00	o	BRACKET, T SENSOR
132	3-668-901-00	o	INDUCER, T PHOTO
133	3-668-947-00	o	PINION, L
134	3-668-948-00	o	SHAFT, WORM
135	3-668-963-03	o	ROLLER, RING
136	3-668-960-00	o	RETAINER, SHAFT
137	3-672-738-01	o	PULLEY, LM
138	3-672-737-01	o	WELT, SQUARE
139	3-672-738-01	o	PLATE, GROUND, SLED
140	3-672-735-01	o	WELT, LM SHIELD
141	3-672-730-01	o	BRACKET, TS DETECTION
142	3-701-437-11	o	WASHER, POLY 2 MM DIA., 0.25T
143	3-701-437-21	o	WASHER, POLY 2 MM DIA., 0.5T
144	3-701-439-21	o	WASHER, POLY 2 MM DIA., 0.5T
145	3-701-308-01	o	SET SCREW, DOUBLE POINT 3/4
146	3-703-074-00	o	CAP 3, SHAFT
147	3-703-075-00	o	CAP 2, SHAFT
148	3-718-613-01	o	FLANGE, UPPER, PRECEDING GUIDE
149	3-718-614-01	o	FLANGE, LOWER, PRECEDING GUIDE
150	3-838-774-00	o	SPRING
151	1-541-376-11	o	MOTOR, DC (DNR-4700A)

THREADING ARM

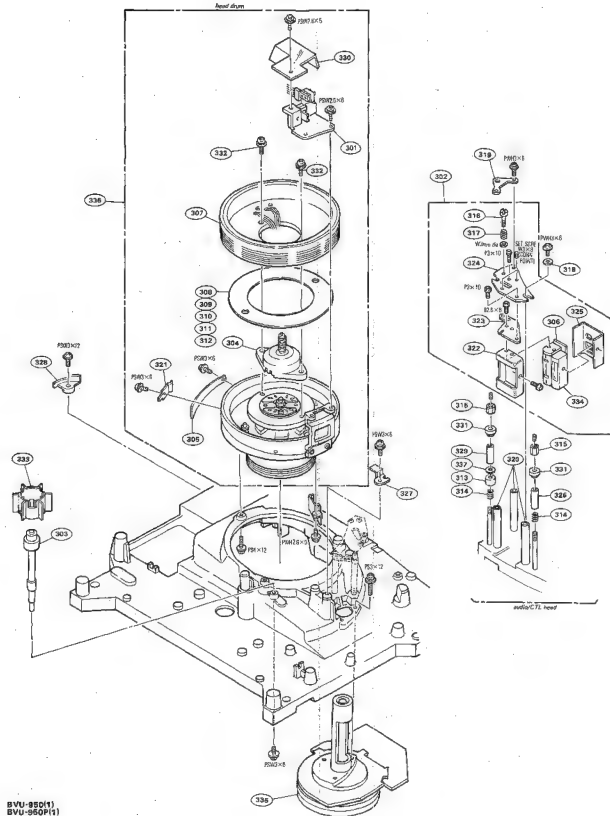
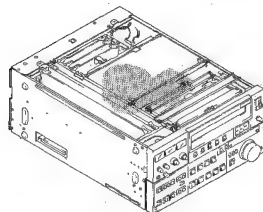
3. THREADING ARM



No.	Parts No.	SP Description
201	A-6746-075-B	ROLLER BLOCK ASS'Y (1), S. DRAWER
202	A-6746-030-B	ROLLER BLOCK ASS'Y, DRAWER, S
203	A-6746-031-A	ROLLER BLOCK ASS'Y, GUIDE, T
204	A-6750-211-A	ROLLER BLOCK ASS'Y, DRAWER, T
205	A-6750-211-A	ARM BLOCK ASS'Y, DRAWER, T
206	A-6750-225-F	O ARM BLOCK ASS'Y, DRAWER, S
207	X-6668-713-0	S LINK (3) ASS'Y, DRAWING
208	X-6668-713-0	LEVER ASS'Y, BRACKET
209	X-6672-708-1	SPRING, COMPRESSION
210	X-6672-708-1	ARM ASS'Y, T. DRAWER
211	X-3718-305-1	RETAINER ASS'Y, ARM, T. DRAWER
212	X-3718-603-1	ROLLER ASS'Y, GUIDE, RG
213	X-3718-610-1	S SHAFT ASS'Y, DRAWER GUIDE
214	X-3718-612-1	ROLLER ASS'Y, DRAWER GUIDE
215	X-3718-615-3	O ARM ASS'Y, DRAWER, S
216	1-622-259-11	PRINTED CIRCUIT BOARD, PTC-34
217	3-334-854-05	SPRING, COMPRESSION
218	4040-500-00	SPRING, TENSION
219	2-668-718-00	SPRING, COMPRESSION, S. DRAWER
220	2-734-304-01	LINKER, S. DRAWER
221	3-668-721-00	ARM, S. DRAWING
222	3-668-734-00	SPRING
223	3-668-735-00	RETAINER, SPRING
224	3-668-760-02	SHAFT, DRAWER LEVER
225	3-665-946-00	LINK (74), O
226	3-665-974-00	ROLLER (1), S. GUIDE
227	3-705-074-00	CAP, S. SHAFT
228	3-718-707-00	SPRING, COMPRESSION
229	3-718-773-01	SPRING, COMPRESSION

DRUM AND CAPSTAN BLOCKS DRUM AND CAPSTAN BLOCKS

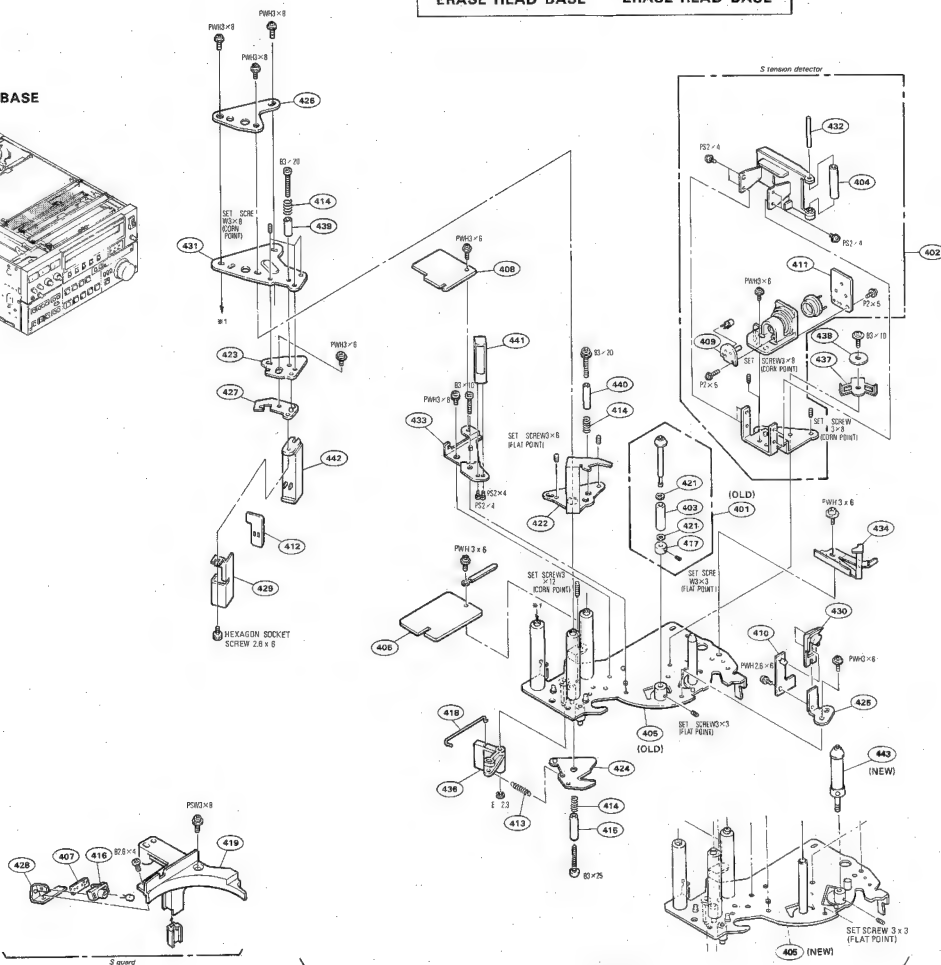
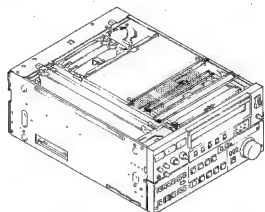
4. DRUM AND CAPSTAN BLOCKS



BUV-850(1)
BUV-860(1)

No.	Parts No.	SP	Description
301	A-6709-619-A	•	BRUSH ASS'Y
302	A-6736-071-B	•	HEAD BLOCK ASS'Y, AUDIO
303	A-6746-049-A	•	RELIEF ASS'Y, GUIDE, TAPE
304	X-3683-017-1	•	SLIP ASS'Y, SLIP
305	1-586-633-00	•	DETECTOR, DEM
306	1-615-924-11	•	PRINTED CIRCUIT BOARD, DUE-92
307	A-6709-617-A	•	UPPER DRUM ASS'Y, DUE-43-R (For UC, J)
	A-6709-617-A	•	UPPER DRUM ASS'Y, DUE-44-R (For EK)
308	3-630-028-01	•	SPACER, FLANGE (0.017)
309	3-630-029-11	•	SPACER, FLANGE (0.027)
310	3-630-029-21	•	SPACER, FLANGE (0.037)
311	3-630-029-31	•	SPACER, FLANGE (0.17)
312	3-630-029-41	•	SPACER, FLANGE (0.037)
313	3-641-618-00	•	GUIDE, TAPE
314	3-641-615-00	•	SPRING, COMPRESSION
315	3-641-616-00	•	NUT, TAPE GUIDE ADJUSTMENT
316	3-641-621-00	•	SCREW, HEAD ADJUSTMENT
317	3-641-622-00	•	SPRING, COMPRESSION
318	3-641-076-00	•	WASHER, W-HEEL S
319	3-647-815-00	•	PLATE, ADJUSTMENT, CTL HEAD
320	3-647-816-00	•	SOLE, SUPPORT, CTL BRACKET
321	3-655-631-00	•	TERMINAL, GROUND
322	3-655-675-02	•	CASE (P), AD
323	3-655-676-01	•	BRACKET (A), CTL HEAD
324	3-655-677-01	•	BRACKET (B), CTL HEAD
325	3-655-678-03	•	CASE (B), AD
326	3-660-102-00	•	GUIDE, TAPE
327	3-672-762-01	•	PIB, DRUM
328	3-672-763-01	•	CAM, P OPENT PREVENTION
329	3-672-731-01	•	TC-4
	UC/S/N UP TO 13690		
	J /S/N UP TO 11025		
	EK/S/N UP TO 12930		
	3-716-368-01	•	TAPE GUIDE (TC-4N)
	UC/S/N 13691 AND HIGHER		
	J /S/N 11026 AND HIGHER		
	EK/S/N 12931 AND HIGHER		
330	3-685-048-01	•	COVER, BRUSH
331	3-688-807-01	•	FLANGE, TAPE GUIDE
332	3-703-667-00	•	SCREW
333	3-718-758-01	•	DAMPER, AIR
334	8-825-578-22	•	HEAD, ACE (FRED64-5803)
335	6-823-238-02	•	MOTOR, DC RM-19136
336	A-6709-614-A	•	HEAD DRUM ASS'Y, DUE-43A-R (For UC, J)
	A-6709-616-A	•	HEAD DRUM ASS'Y, DUE-44A-R (For EK)
337	3-554-339-11	•	WASHER, TAPE GUIDE
	UC/S/N UP TO 13690		
	J /S/N UP TO 11025		
	EK/S/N UP TO 12930		

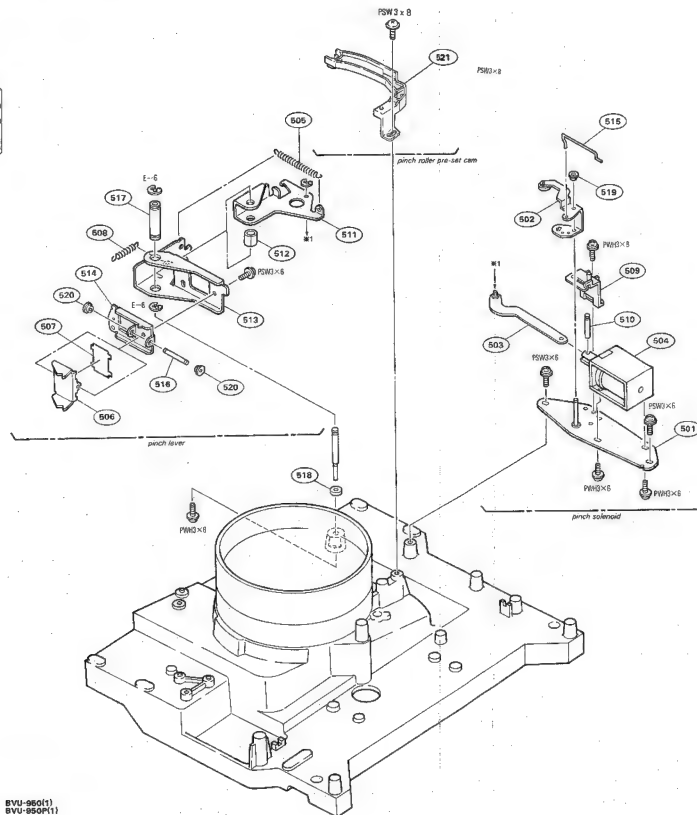
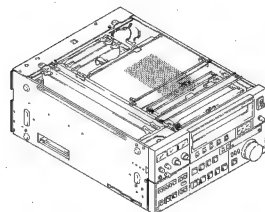
5. ERASE HEAD BASE



No.	Parts No.	SP	Description
401	A-6046-060-A	■	ROLLER BLOCK ASS'Y, G
	UC	8/8	UP TO 13190
	J	8/8	UP TO 10360
	EX	8/8	UP TO 12080
402	A-6742-063-B	■	B-T (D) BLOCK ASS'Y
403	3-1648-727-0	■	GUTTER ASS'Y, TAPS
404	X-3718-611-1	■	ROLLER ASS'Y, TD
405	X-3718-621-1	■	BASE ASS'Y, EX
	UC	8/8	UP TO 13190
	J	8/8	UP TO 10360
	EX	8/8	UP TO 12080
	X-3718-621-5	■	BASE ASS'Y, EX
	UC	8/8	13191 AND HIGHER
	J	8/8	10361 AND HIGHER
	EX	8/8	12081 AND HIGHER
406	1-622-261-11	○	PRINTED CIRCUIT BOARD, WE-47
407	1-603-737-00	○	PRINTED CIRCUIT BOARD, PE-5
408	1-622-719-11	○	PRINTED CIRCUIT BOARD, HW-83
409	1-622-720-11	○	PRINTED CIRCUIT BOARD, LE-53
410	1-622-721-11	○	PRINTED CIRCUIT BOARD, PTC-26
411	1-622-722-11	○	PRINTED CIRCUIT BOARD, PTC-28
412	1-622-736-11	○	PRINTED CIRCUIT BOARD, HE-84
413	3-335-531-00	○	SPRING, THISTON
414	3-637-335-00	○	SPRING, COMPRESSION (C)
415	3-657-086-00	○	SPACER (3X20)
416	3-668-837-00	○	HOLDER, LED
417	3-668-874-00	○	BLANK (1), LOWER
418	3-668-884-03	○	JOINT, RESERVE PRESS
419	3-672-764-03	○	CHAD, S
420	3-701-438-11	■	WASHER, POLY 2.5 MM DIA., 0.25T
421	3-718-622-01	■	HOLDER (UPPER), S
422	3-718-623-01	○	PLATE, TC
423	3-718-624-01	○	HOLDER (LOWER), S
424	3-718-639-01	○	BASE, S SENSOR
425	3-718-641-01	○	PLATE, ADJUSTMENT, Y
426	3-718-644-01	○	PLATE, BLANCE
427	3-718-645-01	○	BRACKET, HOLDER
428	3-718-646-02	○	SHIELD, TC HEAD
429	3-718-647-01	○	HOLDER, S SENSOR
430	3-718-649-01	○	PLATE, Y
431	3-718-674-01	○	SHAFT, TD ROLLER
432	3-718-676-01	○	BASE, T HEAD
433	3-718-723-01	○	PLATE, GROVED
434	3-718-756-01	○	ARM, DRIVING
435	3-718-759-01	○	SPRING
436	A-302-315-00	○	WASHER
437	A-855-006-01	○	SPACER (3X12)
438	A-855-006-11	○	SPACER (3X14)
439	B-825-544-20	○	HEAD, ERASE
440	B-825-544-20	○	HEAD, TIME CODE, PP295-58
441	B-825-771-31	○	HEAD, TIME CODE, PP295-58
442	A-6046-063-A	■	ROLLER BLOCK ASS'Y, G
	UC	8/8	13191 AND HIGHER
	J	8/8	10361 AND HIGHER
	EX	8/8	12081 AND HIGHER

BUV-550(1)
BUV-560P(1)

6. PINCH LEVER AND PINCH SOLENOID BLOCKS

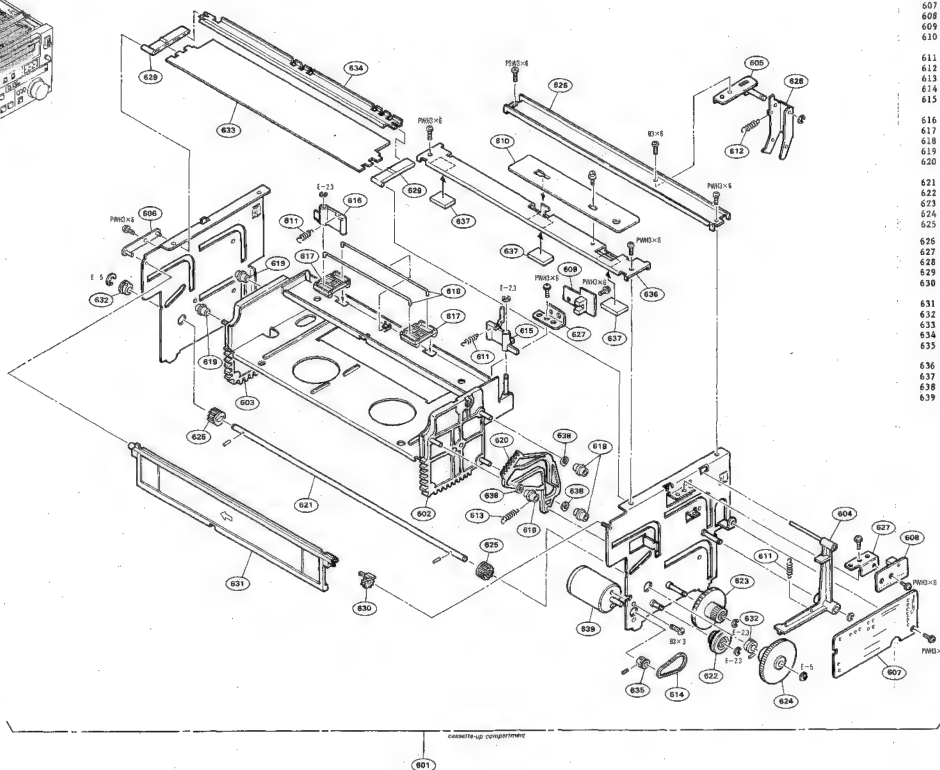
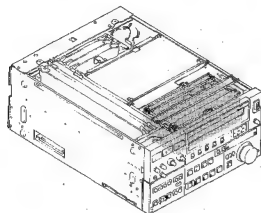


No.	Parts No.	SP	Description
501	X-3668-734-0	o	BASE ASS'Y, PINCH PRESS
502	X-3668-735-3	o	LEVER ASS'Y, RESERVE PRESS
503	X-3668-736-0	o	JOINT ASS'Y
504	1-454-416-31	o	SOLENOID, PLUNGER
505	3-610-265-02	o	SPRING
506	3-642-518-00	o	LEVER, PINCH
507	3-642-519-00	o	SPRING
508	3-643-392-00	o	SPRING, TENSION
509	3-668-863-00	o	CUTS, ARMOR
510	3-668-864-00	o	PIN, SOLENOID
511	3-668-865-00	o	LEVER (B), PINCH PRESS
512	3-668-867-00	o	SPACER (B3)
513	3-668-868-00	o	LEVER (A), PINCH PRESS
514	3-668-883-00	o	PLATE, ADJUSTMENT, PINCH PRESS
515	3-668-884-03	o	JOINT, RESERVE PRESS
516	3-668-895-00	o	SHAFT
517	3-668-896-00	o	SLEAVE, PRESS LEVER, PINCH
518	3-672-733-01	o	TAMER SHAFT, PRESS LEVER
519	3-703-074-00	o	CAP 3, SHAFT
520	3-703-075-00	o	CAP 2, SHAFT
521	3-718-427-02	o	DECK, RESERVE PRESS

8VU-860(1)
8VU-860(1)

7. CASSETTE-UP COMPARTMENT BLOCK

S/N UP TO 11025 (J)
S/N UP TO 13940 (UC)
S/N UP TO 13680 (EK)
S/N UP TO 10045 (BRZ)

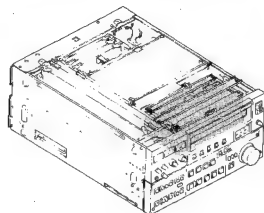


No.	Parts No.	SF	Description
601	A-6751-367-A	o	CASSETTE-UP BLOCK ASS'Y
602	X-3668-037-0	o	RACK ASS'Y, CASSETTE COMPARTMENT
603	X-3668-038-0	o	RACK ASS'Y, CASSETTE COMPARTMENT
604	X-3668-039-0	o	ARM ASS'Y, SWITCH, DOWN
605	X-3668-060-3	o	HOLDER ASS'Y, ARM
606	X-3668-061-0	o	SUPPORT ASS'Y, LID
607	1-622-255-11	o	PRINTED CIRCUIT BOARD, CO-31
608	1-622-256-11	o	PRINTED CIRCUIT BOARD, CO-32
609	1-622-257-11	o	PRINTED CIRCUIT BOARD, CO-33
610	1-623-101-11	o	PRINTED CIRCUIT BOARD, LP-41
611	3-507-051-00	o	SPRING, TENSION
612	3-534-217-11	o	SPRING, TENSION
613	3-536-780-11	o	SPRING, TENSION
614	3-653-387-00	o	BELT, LM
615	3-668-295-00	o	LEVER (RIGHT), CASSETTE PUSH-OUT
616	3-668-296-00	o	LEVER (LEFT), CASSETTE PUSH-OUT
617	3-668-297-00	o	RETAINER, CASSETTE
618	3-668-298-02	o	STRING
619	3-668-299-00	o	ROLLER, GUIDE
620	3-668-300-00	o	CAM, LID OPEN
621	3-668-301-00	o	SHAFT, DRIVING
622	3-668-302-00	o	GEAR (A)
623	3-668-304-00	o	GEAR (B)
624	3-668-305-00	o	GEAR (C)
625	3-668-306-00	o	GEAR (D)
626	3-668-307-02	o	JOINT (C), LEFT & RIGHT
627	3-668-309-00	o	BRACKET, SWITCH
628	3-668-310-02	o	ARM, LID OPEN
629	3-668-313-02	o	FRAME, SUPPORT, REFLECTOR
630	3-668-315-02	o	GEAR, LID
631	3-668-371-11	o	LID, CASSETTE
632	3-668-474-00	o	BEARING (6)
633	3-672-604-11	o	REFLECTOR
634	3-672-639-03	o	BRACKET, LAMP
635	3-672-750-01	o	PULLEY (C), MOTOR
636	3-718-374-01	o	JOINT (F), LEFT & RIGHT
637	3-718-375-01	o	RETAINER, LID
638	3-701-439-21	o	WASHER, POLY 3 MM DIA., 0.5T
639	6-835-179-01	o	MOTOR, PC HCR2B15

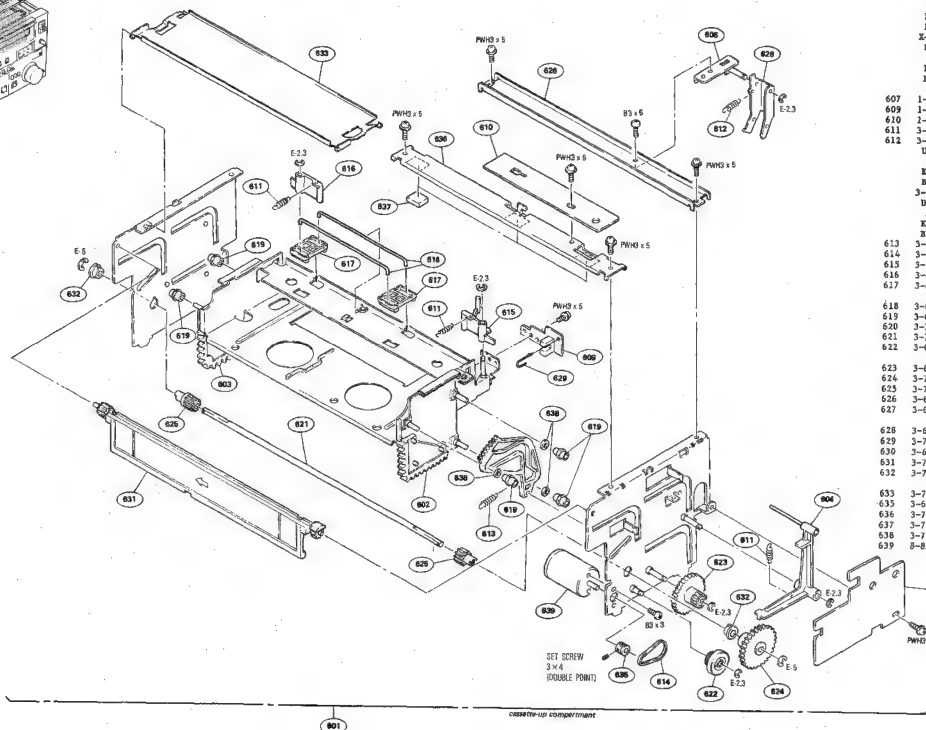
BVA-950(1)
BVU-950(11)

7. CASSETTE-UP COMPARTMENT BLOCK

S/N 11026 AND HIGHER (J)
S/N 13941 AND HIGHER (UC)
S/N 13681 AND HIGHER (EK)
S/N 10046 AND HIGHER (BRZ)

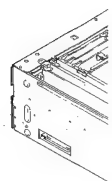


BUV-960(1)
BUV-960P(1)

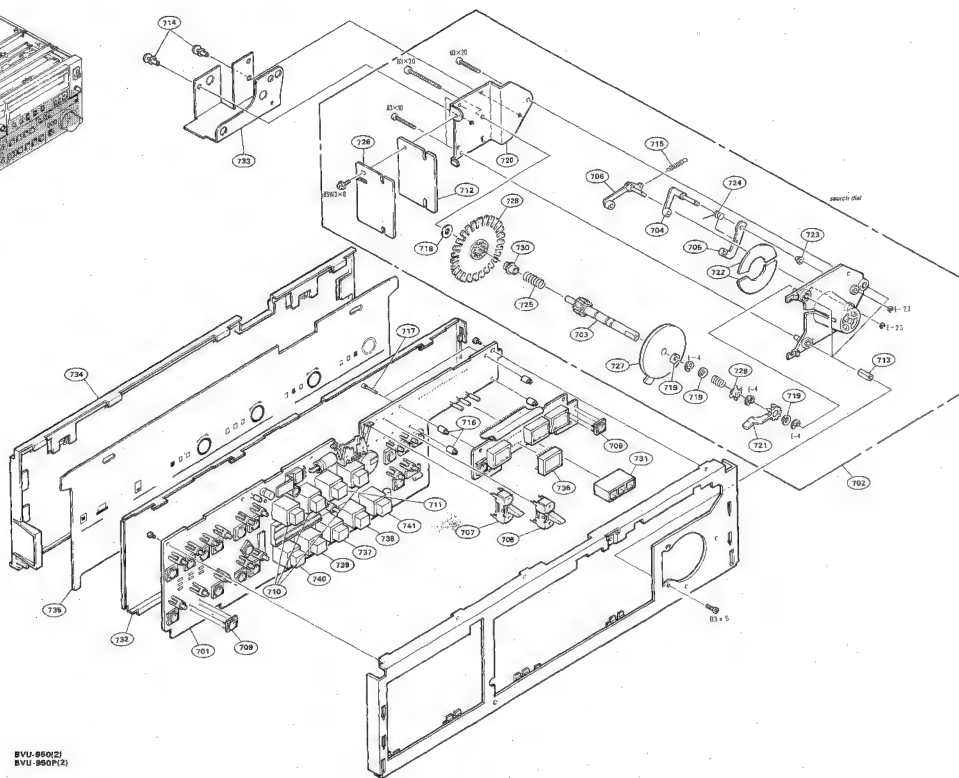
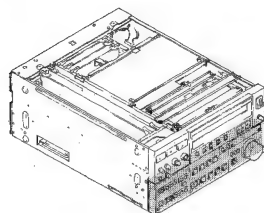


No.	Parts No.	SP Description
601	A-6751-391-C	■ CASSETTE-UP BLOCK ASS'Y
602	X-3718-661-1	■ RACK ASS'Y, CASSETTE COMPARTMENT
603	X-3718-662-1	■ RACK ASS'Y, CASSETTE COMPARTMENT
604	X-3668-939-0	■ ARM ASS'Y, SWITCH, BONE
605	X-3668-060-3	■ HOLDER ASS'Y, ARM
UC:	S/N UP TO 16795	
J:	S/N UP TO 11595	
EK:	S/N UP TO 14370	
BR:	S/N UP TO 10110	
X-3165-158-1	■ HOLDER ASS'Y, ARM	
UC:	S/N 16796 AND HIGHER	
J:	S/N 11596 AND HIGHER	
EK:	S/N 14371 AND HIGHER	
BR:	S/N 10111 AND HIGHER	
607	1-627-572-12	○ PRINTED CIRCUIT BOARD, CC-36
609	1-627-573-13	○ PRINTED CIRCUIT BOARD, CC-37
610	1-629-101-11	○ PRINTED CIRCUIT BOARD, L2-41
611	3-507-051-00	■ SPRING, TENSION
612	3-534-217-11	■ SPRING, TENSION
UC:	S/N UP TO 16795	
J:	S/N UP TO 11595	
EK:	S/N UP TO 14370	
BR:	S/N UP TO 10110	
3-669-980-00	■ SPRING, TENSION	
UC:	S/N 16796 AND HIGHER	
J:	S/N 11596 AND HIGHER	
EK:	S/N 14371 AND HIGHER	
BR:	S/N 10111 AND HIGHER	
613	3-536-180-11	■ SPRING, TENSION
614	3-653-387-00	■ BELT, LM
615	3-668-295-00	○ LEVER (RIGHT), CASSETTE PUSH-OUT
616	3-668-296-00	○ LEVER (LEFT), CASSETTE PUSH-OUT
617	3-668-297-00	○ RETAINER, CASSETTE
618	3-668-298-02	○ SPRING
619	3-668-299-00	○ ROLLER, GUIDE
620	3-721-463-02	○ CAP, LID OPEN
621	3-721-474-01	○ SHAFT, DRIVING
622	3-668-303-00	○ GEAR (A)
623	3-668-304-00	○ GEAR (B)
624	3-721-477-01	○ GEAR (C)
625	3-721-478-01	○ GEAR (D)
626	3-668-307-02	○ JOINT (A), LEFT & RIGHT
627	3-668-309-00	○ BRACKET, SWITCH
628	3-668-310-02	○ ARM, LID OPEN
629	3-721-476-01	○ VIBE, FIXED
630	3-668-311-02	○ GEAR, LID
631	3-721-480-01	○ LID, CASSETTE
632	3-721-479-01	○ BEARING (C)
633	3-721-486-01	○ REFLECTOR
635	3-672-750-01	○ PULLEY (C), MOTOR
636	3-718-374-01	○ JOINT (P), LEFT & RIGHT
637	3-718-373-01	○ RETAINER, LID
638	3-701-439-21	○ WASHER, POLY 3 MM DIA., 0.5T
639	8-833-173-01	○ MOTOR, DC 100/2515

8. FUNCTION



8. FUNCTION CONTROL

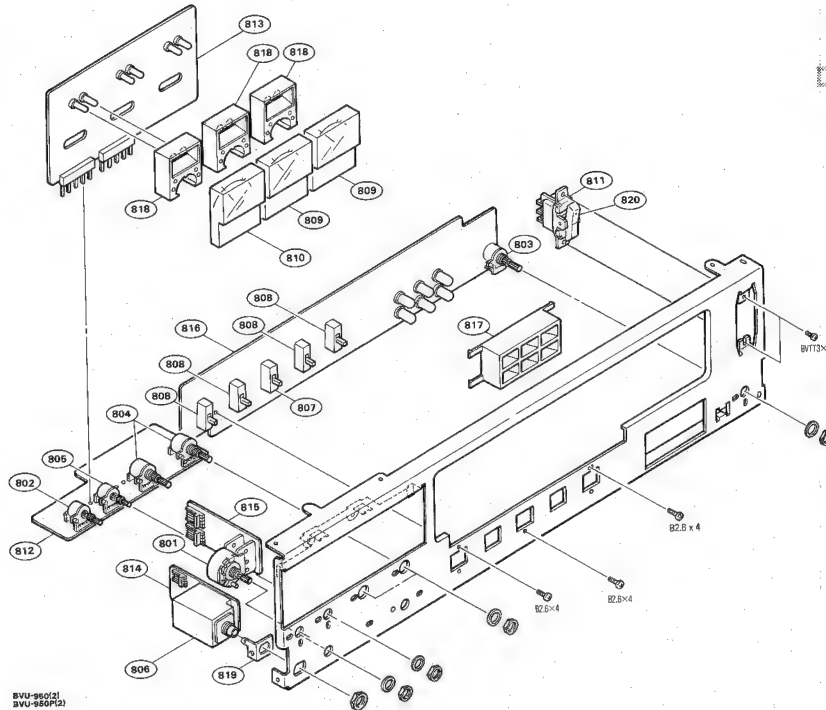
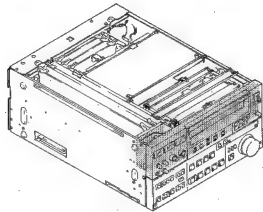


BVU-850(2)
BVU-850P(2)

No.	Parts No.	SP	Description
701	A-6717-491-A	o	MOUNTED CIRCUIT BOARD, KY-144
702	A-6734-238-C	o	DIAL BLOCK ASS'Y, SEARCH
703	X-3717-226-1	o	DRAFT FIB ASS'Y, MAIN
704	X-3717-227-1	o	ARM (RIGHT), ASS'Y, S10
705	X-3717-228-1	o	ARM (LEFT), ASS'Y, S10
706	X-3717-229-1	o	ARM ASS'Y, RETURN
707	1-518-994-00	o	SWICH, LEVER SLIDE
708	1-516-995-00	o	SWICH, LEVER SLIDE
709	1-552-539-00	o	SWICH, KEY BOARD
710	1-554-039-11	o	SWICH, PUSH
711	1-554-040-21	o	SWICH, PUSH
712	1-622-638-11	o	PRINTED CIRCUIT BOARD, PTC-32
713	2-280-622-11	o	SUPPORT (MS), HEXAGON
714	3-531-576-01	o	RIVET, NYLOW
715	3-639-371-00	o	SPRING, TENSION
716	3-659-487-00	o	HOLDER, BUZER
717	3-659-488-00	o	PIN, BUSER HOLDER
718	3-662-048-00	o	WASHER, BRACKET
719	3-701-443-21	o	WASHER, POLY 5 MM DIA., 0.5T
720	3-717-215-01	o	PLATE, BOTTOM, SD
721	3-717-316-05	o	GUIDE, LOCK IN
722	3-717-317-01	o	PLATE, CLUCH
723	3-717-318-01	o	BEARING, S10
724	3-717-319-01	o	SPRING, TENSION
725	3-717-320-01	o	SPRING, COMPRESSION
726	3-717-321-01	o	PROTECTOR, PCT
727	3-717-417-01	o	CAN
728	3-717-418-01	o	PLATE
729	3-717-548-02	o	GUIDE, LOCK OUT
730	3-717-553-01	o	BEARING, SD
731	3-718-657-01	o	HOLDER, LED
732	3-718-740-01	o	PROTECTOR, KY
733	3-718-771-01	o	COVER (U), SD
734	3-718-792-01	o	HOLDER, SHEET
735	3-718-793-03	o	MENU SHEET
736	8-819-942-19	o	DIODE, 18-402VK
737	1-554-039-21	o	SWICH, PUSH
738	1-554-039-41	o	SWICH, PUSH
739	1-554-039-51	o	SWICH, PUSH
740	1-571-169-11	o	SWICH, TACTIL
741	1-571-169-21	o	SWICH, TACTIL

LEVEL CONTROL LEVEL CONTROL

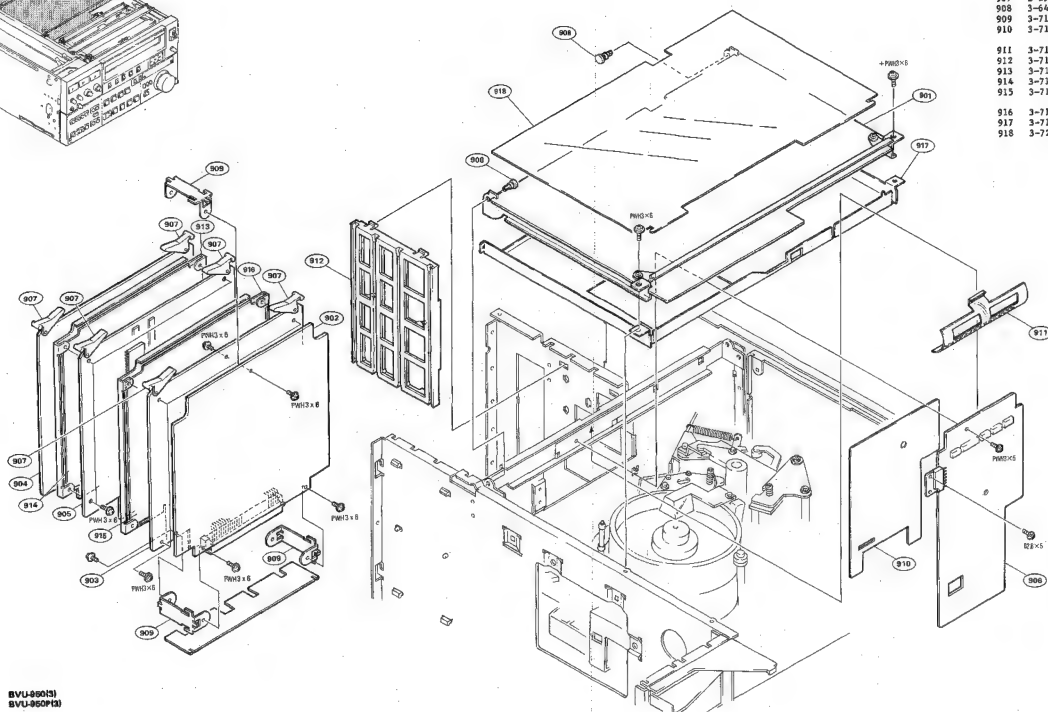
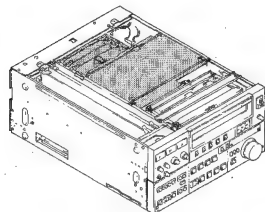
9. LEVEL CONTROL



8VU-950(2)
8VU-950P(2)

No.	Parts No.	SP	Description
801	1-228-218-00	#	RES, VAR, CARBON 500/500
802	1-230-338-11	#	RES, VAR, CARBON 100K
803	1-237-713-11	#	RES, VAR, CARBON 100K
804	1-237-714-11	#	RES, VAR, CARBON 5K/5K
805	1-237-715-11	#	RES, VAR, CARBON 10K
806	1-507-553-00	#	JACK
807	1-516-963-00	#	SWITCH, LEVER SLIDE
808	1-516-994-00	#	SWITCH, LEVER SLIDE
809	1-520-393-00	#	METER, AUDIO
810	1-520-440-00	#	METER, VIDEO
811	1-570-117-11	#	SWITCH, ROCKER (AC POWER)
812	1-622-727-11	o	PRINTED CIRCUIT BOARD, VR-48
813	1-622-729-11	o	PRINTED CIRCUIT BOARD, HT-28
814	1-622-730-11	o	PRINTED CIRCUIT BOARD, HT-28
815	1-622-731-11	o	PRINTED CIRCUIT BOARD, VR-48
816	1-622-737-11	o	PRINTED CIRCUIT BOARD, SW-170
817	3-718-813-01	o	HOLDER (A), LAMP
818	3-718-814-01	o	HOLDER (B), LAMP
819	3-718-789-01	o	PLATE, GROUND, HP
820	3-688-814-01	#	CAP, SWITCH

10. CHASSIS BLOCK (REAR)

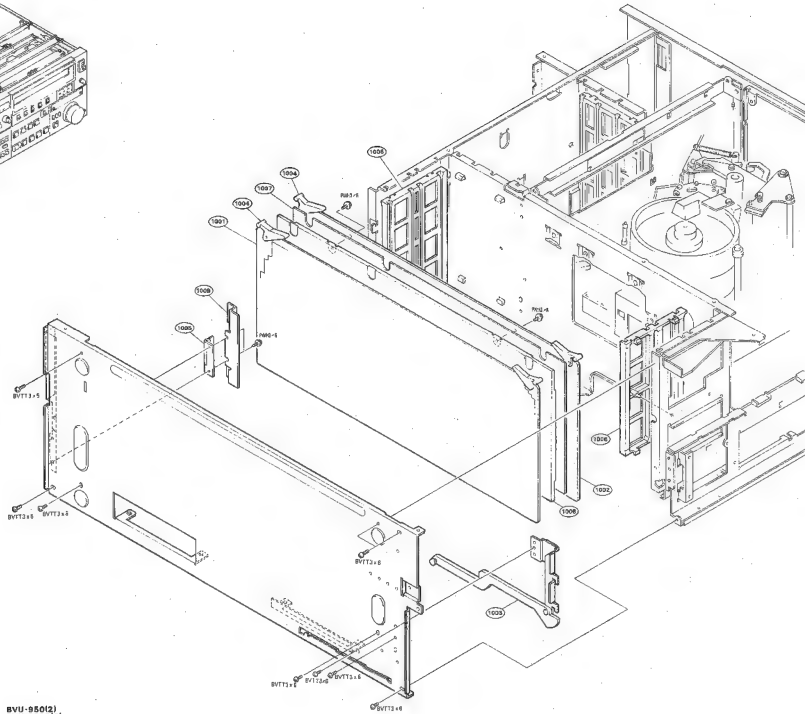
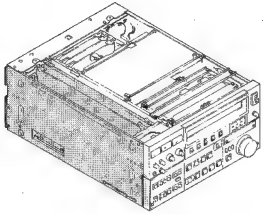


BUJ-49013
BUJ-49013

No.	Parts No.	SP	Description
901	A-6711-829-A	o	MOUNTED CIRCUIT BOARD, MD-45
902	A-6713-287-A	o	MOUNTED CIRCUIT BOARD, AU-53A
903	A-6713-288-A	o	MOUNTED CIRCUIT BOARD, AU-54A
904	A-6713-289-A	o	MOUNTED CIRCUIT BOARD, AU-55A
905	A-6725-572-A	o	MOUNTED CIRCUIT BOARD, NC-11
906	1-622-725-11	o	PRINTED CIRCUIT BOARD, RM-80
907	2-251-622-00	s	LEVER, PC BOARD
908	3-646-090-00	s	RIVET, NYLON
909	3-718-655-01	o	JOINT, AU
910	3-718-667-01	o	PROTECTOR, PC BOARD
911	3-718-668-01	o	PROTECTOR (A), HARNESS
912	3-718-709-01	o	GUIDE (B), PCB
913	3-718-710-01	o	PLATE (SMALL), SHIELD
914	3-718-711-01	o	SHEET (SMALL), INSULATING
915	3-718-797-01	o	SHEET (INNER), INSULATING
916	3-718-798-01	o	PLATE (INNER), SHIELD
917	3-718-799-02	o	SHIELD (LARGE), MD (For UC, 1)
918	3-721-408-01	o	SHEET, PROTECTION, MD

CHASSIS BLOCK (LEFT)

11. CHASSIS BLOCK (LEFT)



BVU-950(2)
BVU-950P(2)

No.	Parts No.	SF	Description
1001	A-6711-827-A	o	MOUNTED CIRCUIT BOARD, TM-55
1002	A-6715-429-A	o	MOUNTED CIRCUIT BOARD, SV-88A
1003	X-3718-617-1	o	HINGE (LEFT) ASS'Y
1004	2-251-622-00	s	LEVER, PC BOARD
1005	3-651-875-00	s	HINGE, FRONT.
1006	3-718-708-01	o	GUIDE (A), PCB
1007	3-718-714-01	o	SHEET (C), INSULATING, .TBC
1008	3-718-738-11	o	SHIELD (C), .TBC
1009	3-718-772-01	o	CONNECTOR, PANEL (ASSIST)

CHASSIS BLOCK (RIGHT)

A detailed line drawing of a Pioneer car stereo unit, showing its front face with various controls and a cassette slot. The unit is rectangular with a metallic finish. On the left side, there is a cassette slot. To the right of the slot, there are several control buttons and a large volume knob. The Pioneer logo is visible on the right side of the front panel. The drawing is a perspective view, showing the top and front of the unit.



No.	Parts No.	SP	Description
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1101 A-6711-828-A ■ MOUNTED CIRCUIT BOARD, RP-30A

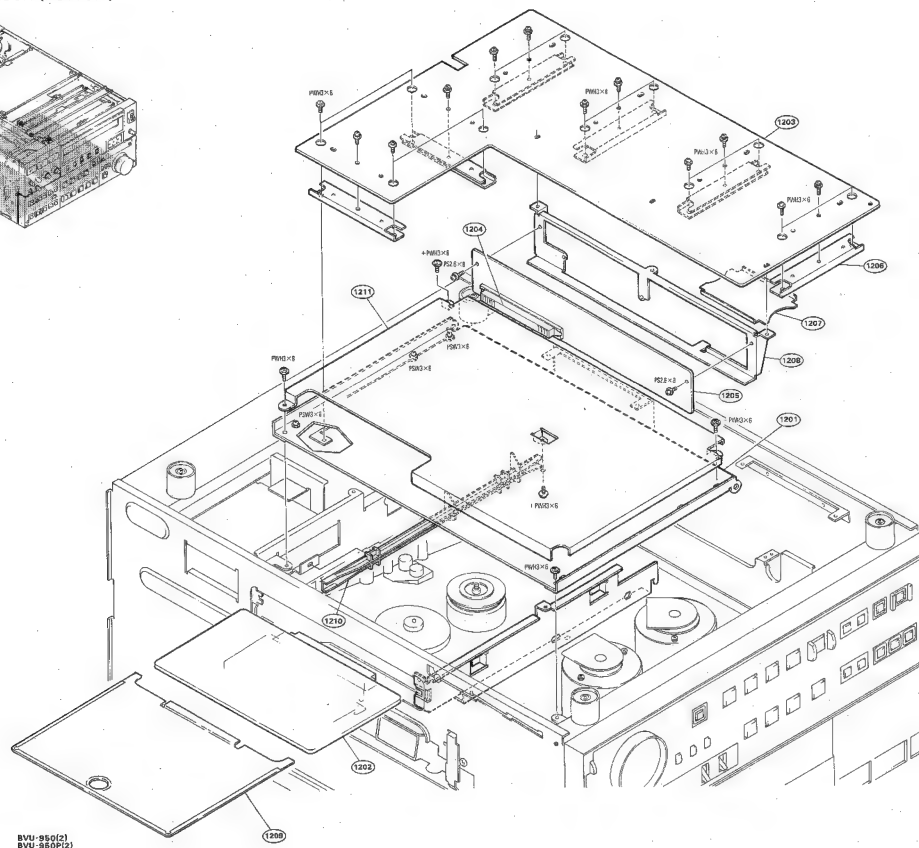
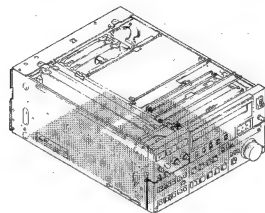
1102 A-6717-458-A o MOUNTED CIRCUIT BOARD, PD-37
1103 X-2218-618-1 - MINOR (REPAIR) BOARD

1104 3-646-090-00 R RIVET, NYLON

1105	3-718-724-01	o	LID, RP SHIELD CASE
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CHASSIS BLOCK (BOTTOM) CHASSIS BLOCK (BOTTOM)

13. CHASSIS BLOCK (BOTTOM)



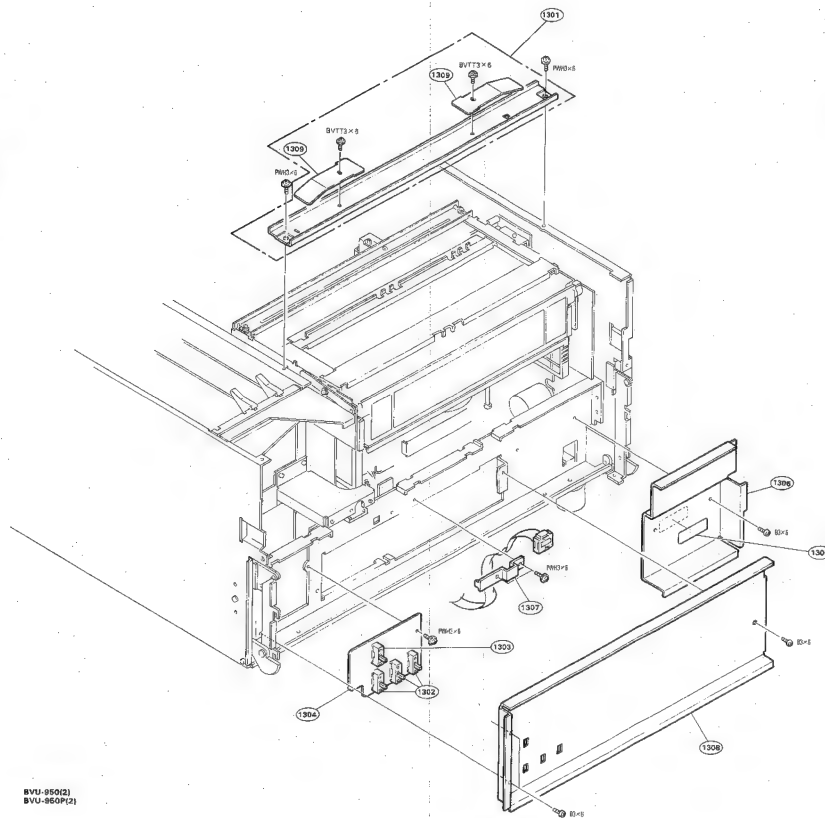
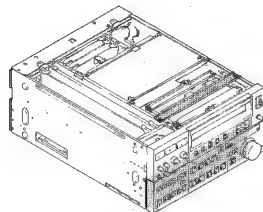
BVU-950(2)
BVU-950P(2)

No.	Parts No.	SP	Description
1201	A-6717-467-A	o	MOUNTED CIRCUIT BOARD, ST-102A
1202	A-6717-460-A	o	MOUNTED CIRCUIT BOARD, DSC-44
1203	A-6728-500-0	o	MOUNTED CIRCUIT BOARD, MB-127
1204	1-563-336-21	o	HOUSING, CONNECTOR (DIP) 64P
1205	1-622-714-11	o	PRINTED CIRCUIT BOARD, MB-139
1206	3-718-416-01	o	BRACKET, M
1207	3-718-659-02	o	PROTECTOR (A), HARNESS
1208	3-718-720-01	o	JOINT, MB
1209	3-721-409-01	o	SHEET, DSC, JOINT
1210	3-718-796-01	o	GUELD, ST
1211	3-718-791-01	o	SHEET, ST

CHASSIS BLOCK (FRONT)

CHASSIS BLOCK (FRONT)

14. CHASSIS BLOCK (FRONT)

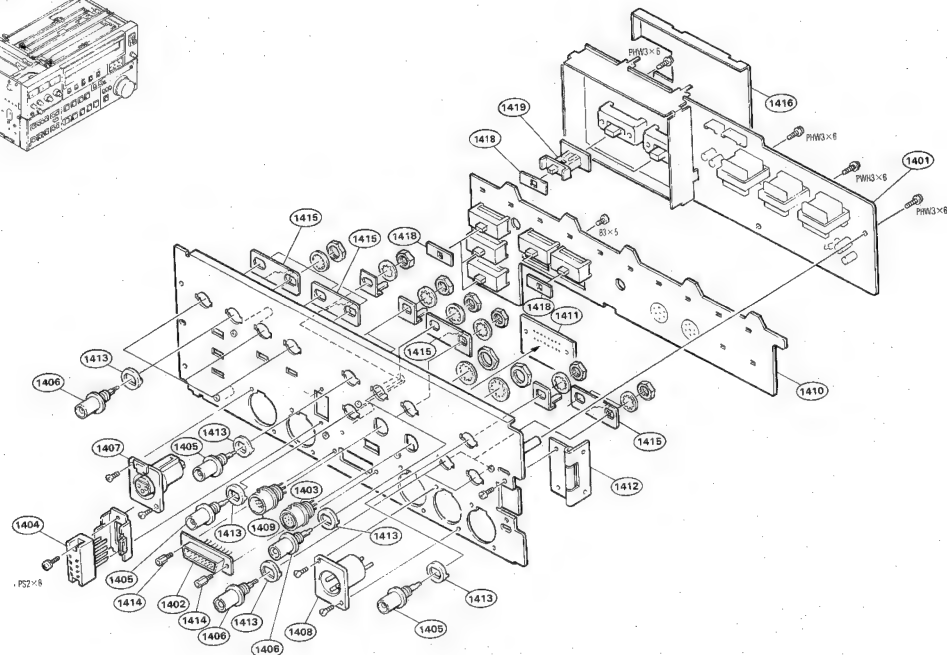
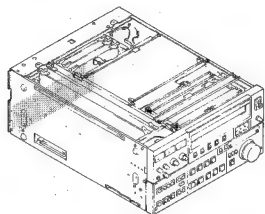


No.	Parts No.	SP	Description
1301	A-6730-955-B	o	STAY BLOCK ASS'Y
1302	1-554-481-00	s	SWITCH, SLIDE
1303	1-554-482-00	s	SWITCH, SLIDE
1304	1-622-738-11	o	PRINTED CIRCUIT BOARD, SW-171
1305	3-703-079-31	o	LABEL CAUTION (BACK)
1306	3-718-610-02	o	COVER (S), FRONT
1307	3-718-671-01	o	HEATIZER, CABLE
1308	3-718-781-01	o	COVER, FRONT (A)
1309	3-668-425-00	s	SPRING

BVU-950(2)
BVU-860P(2)

CONNECTOR PANEL CONNECTOR PANEL

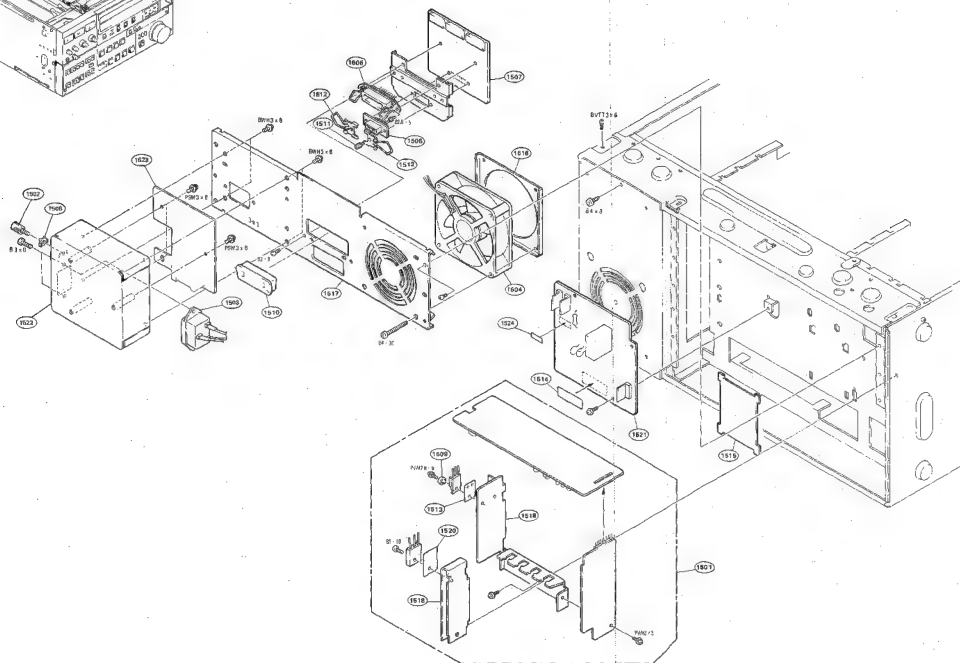
15. CONNECTOR PANEL



BVU-850P(2)

No.	Parts No.	SF	Description
1401	A-6713-283-A	o	MOUNTED CIRCUIT BOARD, AD-57
1402	1-560-769-00	o	PLUG, CONNECTOR 15P
1403	1-561-045-21	o	CONNECTOR, (R-F)
1404	1-561-577-21	o	CONNECTOR (DIP TYPE) 8P
1405	1-562-227-23	o	RECEPTACLE, BNC
1406	1-562-227-41	o	RECEPTACLE, BNC
1407	1-563-029-21	o	CONNECTOR (RECEPTACLE) 3P
1408	1-563-030-21	o	CONNECTOR (RECEPTACLE) 3P
1409	1-564-822-11	o	CONNECTOR, DIALS (8-NO TP)
1410	1-622-706-12	o	PRINTED CIRCUIT BOARD, CP-109
1411	1-622-740-11	o	PRINTED CIRCUIT BOARD, EM-45
1412	3-651-875-00	o	HINGE, FRONT
1413	3-654-345-00	o	SPACER, BNC
1414	3-658-459-11	o	SCREW, CONNECTOR
1415	3-718-662-01	o	GROUND, BNC
1416	3-718-688-01	o	SHIELD (3), LEFT
1418	3-718-757-01	o	CRUSH, SW
1419	X-3718-626-1	o	SW ASS'Y

REAR PANEL

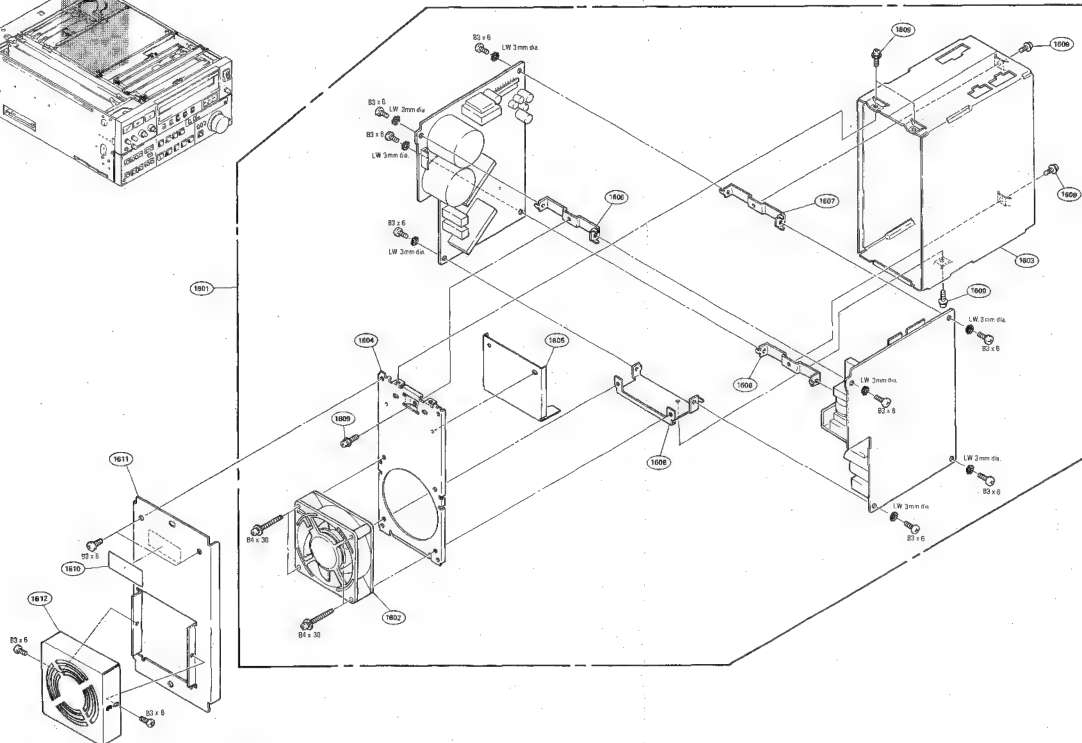
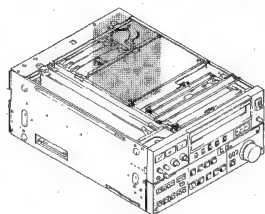


BVU-950P(2)

17. SWITCHING REGULATOR S/N 12931 AND HIGHER (EK)

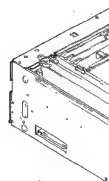
No. Parts No. SP Description

- 1601 1-413-367-24 REGULATOR, SWITCHING (UR213)
- 1602 1-541-431-31 MOTOR, DC FAN
- 1603 2-403-696-01 CASE
- 1604 2-403-697-01 LID, CASE
- 1605 2-431-695-01 SHEET, (18-UR21-21-8), INSULATING
- 1606 2-434-441-01 BRACKET
- 1607 2-434-441-11 BRACKET, FAN
- 1608 2-434-457-01 BRACKET, 18-UR21-8
- 1609 3-703-118-01 SCREW + WEDGE, 5 TIGHT
- 1610 3-703-043-21 LABEL, CAUTION, MAIN
- 1611 3-718-702-03 PLATE, ORNAMENTAL, SW
- 1612 3-721-469-01 COVER, FAN



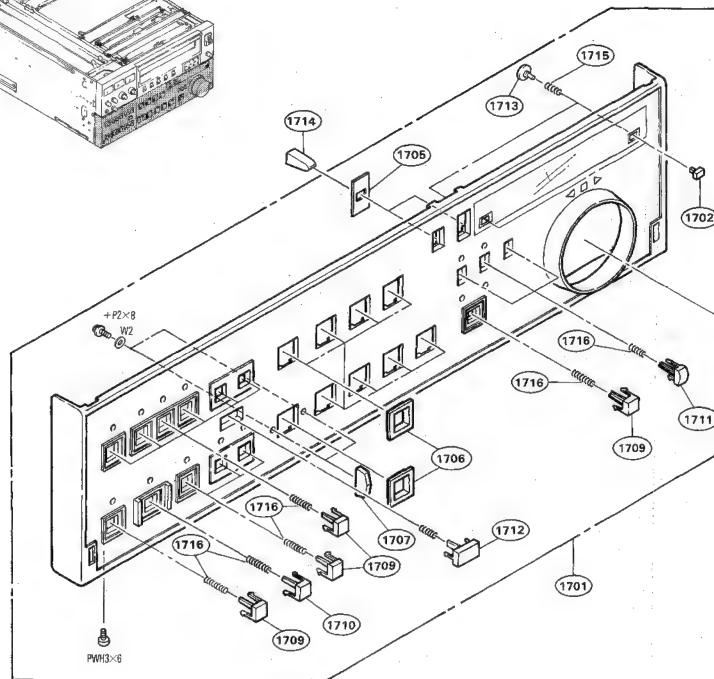
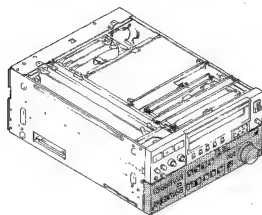
BVU-880P(1)

18. ORNAMEI



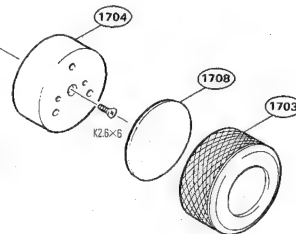
SVU-980
SVU-980

18. ORNAMENTAL PANEL(1)

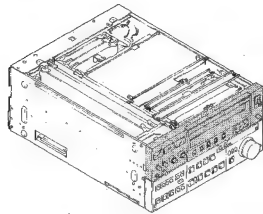


BUU-95(2)
BUU-95(2)

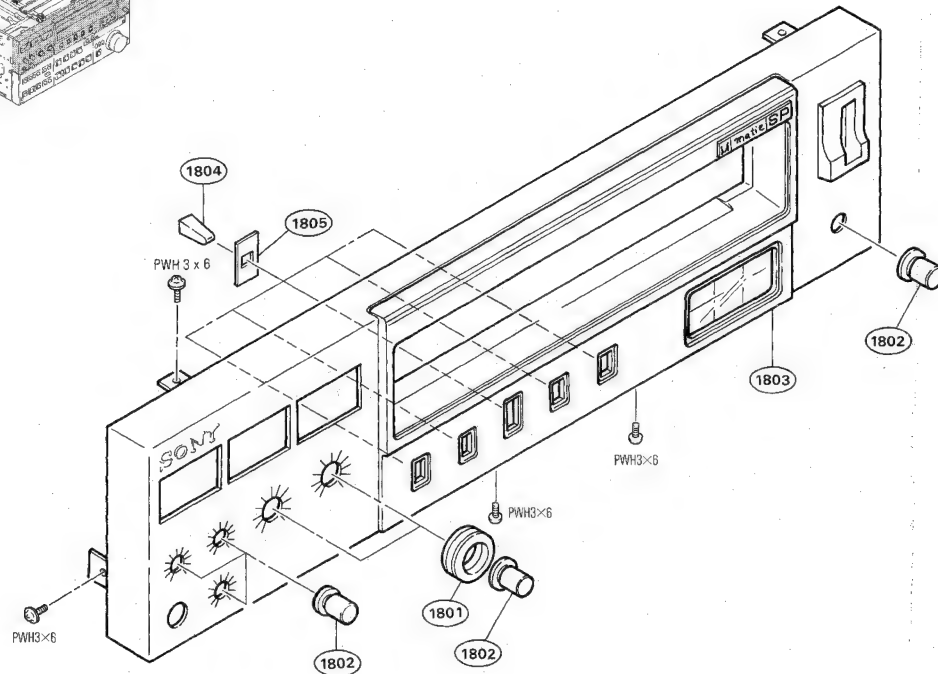
No.	Parts No.	SP	Description
1701	A-4704-270-C	o	PANEL BLOCK ASS'Y, KEY
1702	3-668-008-02	s	PUSH BUTTON (315)
1703	3-668-012-03	s	KNOS, DIAL
1704	3-717-370-01	o	KNOS, DIAL
1705	3-717-373-01	o	PLATE, ORNAMENTAL, LEVER SW
1706	3-717-377-01	o	PLATE (SQUARE 17), ORNAMENTAL
1707	3-717-380-01	o	GUARD, REC
1708	3-717-557-01	o	PLATE, KNOS
1709	3-718-464-01	s	KEY TOP
1710	3-718-464-11	s	KEY TOP
1711	3-718-481-01	s	PUSH BUTTON
1712	3-718-482-01	s	PUSH BUTTON
1713	3-718-694-01	s	FIN, PUSH BUTTON
1714	3-718-698-01	s	KNOS, LEVER SW
1715	4-309-349-00	s	SPRING, COIL
1716	4-866-613-00	s	SPRING, COMPRESSION



19. ORNAMENTAL PANEL(2)

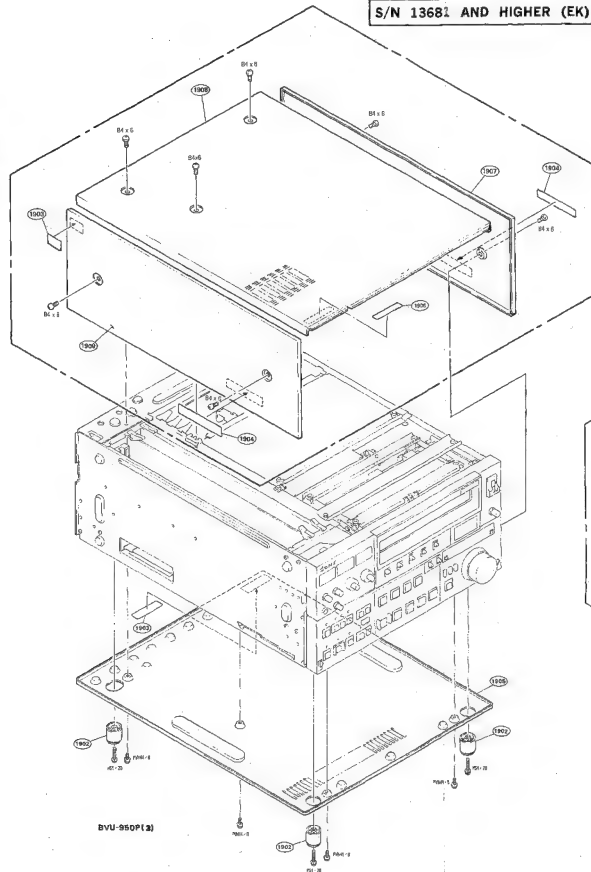
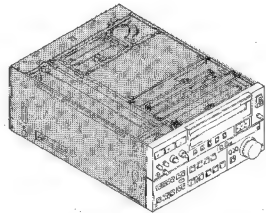


No.	Part No.	SP	Description
1801	X-3715-497-1	■	KNOB (W) ASS'Y, CONTROL
1802	X-3672-789-1	■	KNOB ASS'Y, VOLUME
1803	X-3718-601-1	■	PANEL (P) ASS'Y, FRONT
1804	3-718-698-01	■	KNOB, LEVER SW
1805	3-717-373-01	■	PLATE, ORNAMENTAL, LEVER SW



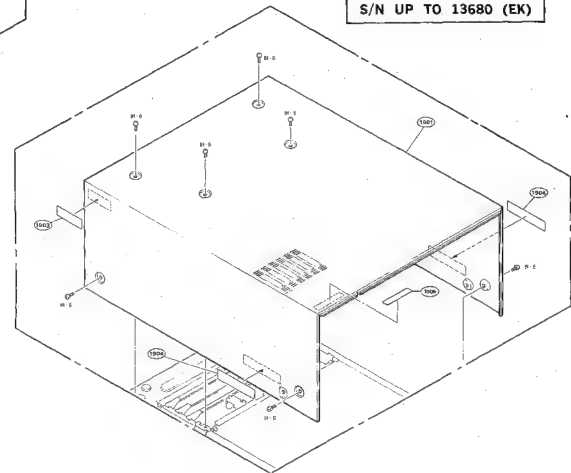
SVU-880(1)
SVU-880P(1)

20. ORNAMENTAL PANEL(3)



No.	Parts No.	SP	Description
1901	X-3718-625-1	o	CASE ASS'Y, U
1902	3-842-656-01	o	LEG
1903	3-703-079-31	o	LABEL, CAUTION (BACK)
1904	3-718-691-01	o	CAUTION, VIB
1905	3-718-739-01	o	PLATE, BOTTOM
1906	3-701-690-00	o	LABEL (MADE IN JAPAN)
1907	X-3718-664-1	o	PLATE ASSY, SIDE
1908	X-3718-666-1	o	PLATE ASSY, TOP
1909	3-734-301-01	o	PLATE, SIDE

S/N UP TO 13680 (EK)



18-3. ELECTRICAL PARTS LIST

ABBREVIATIONS

All capacitors are in micro farads unless otherwise specified.

All inductors are in micro henries unless otherwise specified.

All resistors are in ohms.

General Purpose Electrical Parts List

Parts that are not listed in the "reference numbers order list" are shown in following list.
Reference numbers are omitted.

Part No. SP Description

CAPACITOR

CERAMIC

1-161-039-00	#	CAP, CERAMIC	0.001	10X	50V
1-161-041-00	#	CAP, CERAMIC	0.0015	10X	50V
1-161-043-00	#	CAP, CERAMIC	0.0022	10X	50V
1-161-045-00	#	CAP, CERAMIC	0.0033	10X	50V
1-161-047-00	#	CAP, CERAMIC	0.0047	10X	50V
1-161-049-00	#	CAP, CERAMIC	0.0068	10X	50V
1-161-051-00	#	CAP, CERAMIC	0.01	10X	50V
1-161-053-00	#	CAP, CERAMIC	0.015	10X	50V
1-161-055-00	#	CAP, CERAMIC	0.022	10X	50V
1-161-057-00	#	CAP, CERAMIC	0.033	10X	50V
1-161-021-11	#	CAP, CERAMIC	0.047	10X	25V
1-161-059-00	#	CAP, CERAMIC	0.047	10X	50V
1-161-061-00	#	CAP, CERAMIC	0.068	10X	50V
1-161-772-11	#	CAP, CERAMIC	0.1	10X	25V
1-161-063-00	#	CAP, CERAMIC	0.1	10X	50V

Part No. SP Description

MYLAR

1-130-467-00	#	CAP, MYLAR	470pF	5X	50V
1-130-468-00	#	CAP, MYLAR	560pF	5X	50V
1-130-469-00	#	CAP, MYLAR	680pF	5X	50V
1-130-470-00	#	CAP, MYLAR	820pF	5X	50V
1-130-471-00	#	CAP, MYLAR	1000pF	5X	50V
1-130-472-00	#	CAP, MYLAR	1200pF	5X	50V
1-130-473-00	#	CAP, MYLAR	1500pF	5X	50V
1-130-474-00	#	CAP, MYLAR	1800pF	5X	50V
1-130-475-00	#	CAP, MYLAR	2200pF	5X	50V
1-130-476-00	#	CAP, MYLAR	2700pF	5X	50V
1-130-477-00	#	CAP, MYLAR	3300pF	5X	50V
1-130-478-00	#	CAP, MYLAR	3900pF	5X	50V
1-130-479-00	#	CAP, MYLAR	4700pF	5X	50V
1-130-480-00	#	CAP, MYLAR	5600pF	5X	50V
1-130-481-00	#	CAP, MYLAR	6800pF	5X	50V
1-130-482-00	#	CAP, MYLAR	8200pF	5X	50V
1-130-483-00	#	CAP, MYLAR	0.01	5X	50V
1-130-484-00	#	CAP, MYLAR	0.012	5X	50V
1-130-485-00	#	CAP, MYLAR	0.015	5X	50V
1-130-486-00	#	CAP, MYLAR	0.018	5X	50V
1-130-487-00	#	CAP, MYLAR	0.022	5X	50V
1-130-488-00	#	CAP, MYLAR	0.027	5X	50V
1-130-489-00	#	CAP, MYLAR	0.033	5X	50V
1-130-490-11	#	CAP, MYLAR	0.039	5X	50V
1-130-491-00	#	CAP, MYLAR	0.047	5X	50V
1-130-492-11	#	CAP, MYLAR	0.056	5X	50V
1-130-493-00	#	CAP, MYLAR	0.068	5X	50V
1-130-494-11	#	CAP, MYLAR	0.082	5X	50V
1-130-495-00	#	CAP, MYLAR	0.1	5X	50V
1-130-496-00	#	CAP, MYLAR	0.12	5X	50V
1-130-497-00	#	CAP, MYLAR	0.15	5X	50V
1-130-498-00	#	CAP, MYLAR	0.18	5X	50V
1-130-499-00	#	CAP, MYLAR	0.22	5X	50V
1-130-502-11	#	CAP, MYLAR	0.33	5X	50V

Part No.	SP	Description		
TANTALUM				
1-131-396-11	a	CAP, TANTALUM	0.01	20X 35V
1-131-397-11	a	CAP, TANTALUM	0.015	20X 35V
1-131-398-11	a	CAP, TANTALUM	0.022	20X 35V
1-131-399-11	a	CAP, TANTALUM	0.033	20X 35V
1-131-400-11	a	CAP, TANTALUM	0.047	20X 35V
1-131-401-21	a	CAP, TANTALUM	0.068	10X 35V
1-131-341-21	a	CAP, TANTALUM	0.1	10X 35V
1-131-342-21	a	CAP, TANTALUM	0.15	10X 35V
1-131-343-21	a	CAP, TANTALUM	0.22	10X 35V
1-131-344-21	a	CAP, TANTALUM	0.33	10X 35V
1-131-412-11	a	CAP, TANTALUM	0.47	20X 20V
1-131-345-21	a	CAP, TANTALUM	0.47	10X 35V
1-131-410-11	a	CAP, TANTALUM	0.68	20X 25V
1-131-346-21	a	CAP, TANTALUM	0.68	10X 35V
1-131-413-11	a	CAP, TANTALUM	1.0	20X 20V
1-131-347-21	a	CAP, TANTALUM	1.0	10X 35V
1-131-416-11	a	CAP, TANTALUM	1.5	20X 16V
1-131-348-21	a	CAP, TANTALUM	1.5	10X 35V
1-131-419-11	a	CAP, TANTALUM	2.2	20X 10V
1-131-361-21	a	CAP, TANTALUM	2.2	10X 20V
1-131-349-21	a	CAP, TANTALUM	2.2	10X 35V
1-131-422-11	a	CAP, TANTALUM	3.3	20X 6.3V
1-131-368-21	a	CAP, TANTALUM	3.3	10X 16V
1-131-356-21	a	CAP, TANTALUM	3.3	10X 25V
1-131-350-21	a	CAP, TANTALUM	3.3	10X 35V
1-131-425-11	a	CAP, TANTALUM	4.7	20X 3.15V
1-131-375-21	a	CAP, TANTALUM	4.7	10X 10V
1-131-363-21	a	CAP, TANTALUM	4.7	10X 20V
1-131-351-21	a	CAP, TANTALUM	4.7	10X 35V
1-131-382-21	a	CAP, TANTALUM	6.8	10X 6.3V
1-131-370-21	a	CAP, TANTALUM	6.8	10X 16V
1-131-358-21	a	CAP, TANTALUM	6.8	10X 25V
1-131-352-21	a	CAP, TANTALUM	6.8	10X 35V
1-131-389-21	a	CAP, TANTALUM	10	10X 3.15V
1-131-377-21	a	CAP, TANTALUM	10	10X 10V
1-131-365-21	a	CAP, TANTALUM	10	10X 20V
1-131-353-21	a	CAP, TANTALUM	10	10X 35V
1-131-384-21	a	CAP, TANTALUM	15	10X 6.3V
1-131-372-21	a	CAP, TANTALUM	15	10X 16V
1-131-360-21	a	CAP, TANTALUM	15	10X 25V
1-131-391-21	a	CAP, TANTALUM	22	10X 3.15V
1-131-379-21	a	CAP, TANTALUM	22	10X 10V
1-131-367-21	a	CAP, TANTALUM	22	10X 20V
1-131-386-21	a	CAP, TANTALUM	33	10X 6.3V
1-131-374-21	a	CAP, TANTALUM	33	10X 16V
1-131-393-21	a	CAP, TANTALUM	47	10X 3.15V
1-131-381-21	a	CAP, TANTALUM	47	10X 10V
1-131-388-21	a	CAP, TANTALUM	68	10X 6.3V
1-131-395-21	a	CAP, TANTALUM	100	10X 3.15V

Part No.	SP	Description		
ELECTROLYTIC				
1-124-902-00	a	CAP, ELECT	0.47	20X 50V
1-124-791-11	a	CAP, ELECT	1.0	20X 100V
1-124-925-11	a	CAP, ELECT	2.2	20X 100V
1-124-382-00	a	CAP, ELECT	3.3	20X 100V
1-124-927-00	a	CAP, ELECT	4.7	20X 100V
1-123-875-91	a	CAP, ELECT	10	20X 50V
1-124-915-11	a	CAP, ELECT	10	20X 63V
1-124-667-11	a	CAP, ELECT	10	20X 100V
1-124-908-11	a	CAP, ELECT	22	20X 50V
1-124-916-11	a	CAP, ELECT	22	20X 63V
1-124-929-11	a	CAP, ELECT	22	20X 100V
1-124-963-11	a	CAP, ELECT	33	20X 16V
1-124-482-11	a	CAP, ELECT	33	20X 35V
1-124-917-11	a	CAP, ELECT	33	20X 63V
1-124-920-11	a	CAP, ELECT	33	20X 100V
1-124-446-11	a	CAP, ELECT	47	20X 10V
1-124-477-11	a	CAP, ELECT	47	20X 25V
1-124-910-11	a	CAP, ELECT	47	20X 50V
1-124-918-11	a	CAP, ELECT	47	20X 63V
1-124-931-11	a	CAP, ELECT	47	20X 100V
1-124-443-00	a	CAP, ELECT	100	20X 10V
1-126-101-11	a	CAP, ELECT	100	20X 16V
1-124-478-11	a	CAP, ELECT	100	20X 25V
1-124-122-11	a	CAP, ELECT	100	20X 50V
1-124-572-11	a	CAP, ELECT	100	20X 63V
1-123-605-00	a	CAP, ELECT	100	20X 100V
1-124-444-00	a	CAP, ELECT	220	20X 10V
1-124-120-11	a	CAP, ELECT	220	20X 25V
1-124-484-11	a	CAP, ELECT	220	20X 35V
1-124-911-11	a	CAP, ELECT	220	20X 50V
1-124-919-51	a	CAP, ELECT	220	20X 63V
1-124-628-11	a	CAP, ELECT	220	20X 100V
1-124-442-00	a	CAP, ELECT	330	20X 6.3V
1-124-604-00	a	CAP, ELECT	330	20X 10V
1-124-119-00	a	CAP, ELECT	330	20X 16V
1-124-479-11	a	CAP, ELECT	330	20X 25V
1-124-485-11	a	CAP, ELECT	330	20X 35V
1-124-912-11	a	CAP, ELECT	330	20X 50V
1-124-472-11	a	CAP, ELECT	470	20X 10V
1-124-475-11	a	CAP, ELECT	470	20X 16V
1-124-480-11	a	CAP, ELECT	470	20X 25V
1-126-104-11	a	CAP, ELECT	470	20X 35V
1-124-913-11	a	CAP, ELECT	470	20X 50V
1-124-921-11	a	CAP, ELECT	470	20X 63V
1-124-471-00	a	CAP, ELECT	1000	20X 6.3V
1-124-473-11	a	CAP, ELECT	1000	20X 10V
1-124-555-00	a	CAP, ELECT	1000	20X 16V
1-124-557-11	a	CAP, ELECT	1000	20X 25V
1-126-105-11	a	CAP, ELECT	1000	20X 35V
1-124-637-11	a	CAP, ELECT	1000	20X 50V
1-124-922-11	a	CAP, ELECT	1000	20X 63V
1-124-893-11	a	CAP, ELECT	2200	20X 10V
1-124-556-11	a	CAP, ELECT	2200	20X 16V
1-124-563-11	a	CAP, ELECT	2200	20X 25V
1-124-618-11	a	CAP, ELECT	2200	20X 35V
1-124-607-11	a	CAP, ELECT	2200	20X 50V
1-124-621-11	a	CAP, ELECT	3300	20X 6.3V
1-124-887-00	a	CAP, ELECT	3300	20X 16V
1-124-636-00	a	CAP, ELECT	3300	20X 25V
1-124-762-00	a	CAP, ELECT	4700	20X 10V
1-124-898-11	a	CAP, ELECT	4700	20X 16V
1-124-564-11	a	CAP, ELECT	4700	20X 25V
1-124-891-11	a	CAP, ELECT	10000	20X 6.3V
1-124-763-00	a	CAP, ELECT	10000	20X 10V

Part No. SP Description

MICA, SILVERED

1-107-019-00	■	CAP, MICA	1.0pF	20.5pF	500V
1-107-039-00	■	CAP, MICA	1.2pF	20.5pF	500V
1-107-040-00	■	CAP, MICA	1.5pF	20.5pF	500V
1-107-041-00	■	CAP, MICA	1.8pF	20.5pF	500V
1-107-042-00	■	CAP, MICA	2.2pF	20.5pF	500V
1-107-043-00	■	CAP, MICA	2.7pF	20.5pF	500V
1-107-044-00	■	CAP, MICA	3.3pF	20.5pF	500V
1-107-045-00	■	CAP, MICA	3.9pF	20.5pF	500V
1-107-046-00	■	CAP, MICA	4.7pF	20.5pF	500V
1-107-026-00	■	CAP, MICA	5.1pF	20.5pF	500V
1-107-047-00	■	CAP, MICA	5.6pF	20.5pF	500V
1-107-048-00	■	CAP, MICA	6.8pF	20.5pF	500V
1-107-049-00	■	CAP, MICA	8.2pF	20.5pF	500V
1-107-202-00	■	CAP, MICA	10pF	5X	500V
1-107-203-00	■	CAP, MICA	11pF	5X	500V
1-107-204-00	■	CAP, MICA	12pF	5X	500V
1-107-205-00	■	CAP, MICA	13pF	5X	500V
1-107-206-00	■	CAP, MICA	15pF	5X	500V
1-107-207-00	■	CAP, MICA	16pF	5X	500V
1-107-208-00	■	CAP, MICA	18pF	5X	500V
1-107-209-00	■	CAP, MICA	20pF	5X	500V
1-107-210-00	■	CAP, MICA	22pF	5X	500V
1-107-211-00	■	CAP, MICA	24pF	5X	500V
1-107-157-00	■	CAP, MICA	27pF	5X	500V
1-107-158-00	■	CAP, MICA	30pF	5X	500V
1-107-159-00	■	CAP, MICA	33pF	5X	500V
1-107-074-00	■	CAP, MICA	36pF	5X	50V
1-107-075-00	■	CAP, MICA	39pF	5X	50V
1-107-076-00	■	CAP, MICA	43pF	5X	50V
1-107-077-00	■	CAP, MICA	47pF	5X	50V
1-107-164-00	■	CAP, MICA	51pF	5X	500V
1-107-165-00	■	CAP, MICA	56pF	5X	500V
1-107-166-00	■	CAP, MICA	62pF	5X	500V
1-107-036-00	■	CAP, MICA	68pF	5X	500V
1-107-167-00	■	CAP, MICA	75pF	5X	500V
1-107-083-00	■	CAP, MICA	82pF	5X	50V
1-107-084-00	■	CAP, MICA	91pF	5X	50V
1-107-085-00	■	CAP, MICA	100pF	5X	50V
1-107-086-00	■	CAP, MICA	110pF	5X	50V
1-107-087-00	■	CAP, MICA	120pF	5X	50V
1-109-538-00	■	CAP, MICA	130pF	5X	100V
1-109-539-00	■	CAP, MICA	150pF	5X	100V
1-107-090-00	■	CAP, MICA	160pF	5X	50V
1-109-540-00	■	CAP, MICA	180pF	5X	100V
1-109-541-00	■	CAP, MICA	200pF	5X	100V
1-109-542-00	■	CAP, MICA	220pF	5X	100V
1-109-545-00	■	CAP, MICA	270pF	5X	100V
1-109-547-00	■	CAP, MICA	330pF	5X	100V
1-109-549-00	■	CAP, MICA	390pF	5X	100V
1-109-633-00	■	CAP, MICA	470pF	2X	500V
1-109-555-00	■	CAP, MICA	560pF	5X	100V
1-109-635-00	■	CAP, MICA	680pF	2X	500V

Part No. SP Description

INDUCTOR

MICRO

1-408-397-00	■	INDUCTOR, MICRO	1.0	5X
1-408-399-00	■	INDUCTOR, MICRO	1.5	5X
1-408-400-00	■	INDUCTOR, MICRO	1.8	5X
1-408-401-00	■	INDUCTOR, MICRO	2.2	5X
1-408-403-00	■	INDUCTOR, MICRO	3.3	5X
1-408-404-00	■	INDUCTOR, MICRO	3.9	5X
1-408-405-00	■	INDUCTOR, MICRO	4.7	5X
1-408-406-00	■	INDUCTOR, MICRO	5.6	5X
1-408-407-00	■	INDUCTOR, MICRO	6.8	5X
1-408-408-00	■	INDUCTOR, MICRO	8.2	5X
1-408-409-00	■	INDUCTOR, MICRO	10	5X
1-408-410-00	■	INDUCTOR, MICRO	12	5X
1-408-411-00	■	INDUCTOR, MICRO	15	5X
1-408-412-00	■	INDUCTOR, MICRO	18	5X
1-408-413-00	■	INDUCTOR, MICRO	22	5X
1-408-414-00	■	INDUCTOR, MICRO	27	5X
1-408-415-00	■	INDUCTOR, MICRO	33	5X
1-408-416-00	■	INDUCTOR, MICRO	39	5X
1-408-417-00	■	INDUCTOR, MICRO	47	5X
1-408-418-00	■	INDUCTOR, MICRO	56	5X
1-408-419-00	■	INDUCTOR, MICRO	68	5X
1-408-420-00	■	INDUCTOR, MICRO	82	5X
1-408-421-00	■	INDUCTOR, MICRO	100	5X
1-408-422-00	■	INDUCTOR, MICRO	120	5X
1-408-423-00	■	INDUCTOR, MICRO	150	5X
1-408-424-00	■	INDUCTOR, MICRO	180	5X
1-408-425-00	■	INDUCTOR, MICRO	220	5X
1-408-426-00	■	INDUCTOR, MICRO	270	5X
1-408-427-00	■	INDUCTOR, MICRO	330	5X
1-408-428-00	■	INDUCTOR, MICRO	390	5X
1-408-629-00	■	INDUCTOR, MICRO	470	5X
1-410-116-11	■	INDUCTOR, MICRO	560	5X
1-410-492-11	■	INDUCTOR, MICRO	680	5X
1-410-493-11	■	INDUCTOR, MICRO	820	5X
1-410-494-11	■	INDUCTOR, MICRO	1000	5X

Part No. SP Description

RESISTOR

CARBON

1-249-381-11 s RES, CARBON 1.0 5% 1/6W
1-249-382-11 s RES, CARBON 1.2 5% 1/6W
1-249-383-11 s RES, CARBON 1.5 5% 1/6W
1-249-384-11 s RES, CARBON 1.8 5% 1/6W
1-249-385-11 s RES, CARBON 2.2 5% 1/6W

1-249-386-11 s RES, CARBON 2.7 5% 1/6W
1-249-387-11 s RES, CARBON 3.3 5% 1/6W
1-249-388-11 s RES, CARBON 3.9 5% 1/6W
1-249-389-11 s RES, CARBON 4.7 5% 1/6W
1-249-390-11 s RES, CARBON 5.6 5% 1/6W

1-249-391-11 s RES, CARBON 6.8 5% 1/6W
1-249-392-11 s RES, CARBON 8.2 5% 1/6W
1-249-393-11 s RES, CARBON 10 5% 1/6W
1-249-394-11 s RES, CARBON 12 5% 1/6W
1-249-395-11 s RES, CARBON 15 5% 1/6W

1-249-396-11 s RES, CARBON 18 5% 1/6W
1-249-397-11 s RES, CARBON 22 5% 1/6W
1-249-398-11 s RES, CARBON 27 5% 1/6W
1-249-399-11 s RES, CARBON 33 5% 1/6W
1-249-400-11 s RES, CARBON 39 5% 1/6W

1-249-401-11 s RES, CARBON 47 5% 1/6W
1-249-402-11 s RES, CARBON 56 5% 1/6W
1-249-403-11 s RES, CARBON 68 5% 1/6W
1-215-394-00 s RES, METAL 75 1% 1/6W
1-249-404-11 s RES, CARBON 82 5% 1/6W

1-249-405-11 s RES, CARBON 100 5% 1/6W
1-249-406-11 s RES, CARBON 120 5% 1/6W
1-249-407-11 s RES, CARBON 150 5% 1/6W
1-249-408-11 s RES, CARBON 180 5% 1/6W
1-249-409-11 s RES, CARBON 220 5% 1/6W

1-249-410-11 s RES, CARBON 270 5% 1/6W
1-249-411-11 s RES, CARBON 330 5% 1/6W
1-249-412-11 s RES, CARBON 390 5% 1/6W
1-249-413-11 s RES, CARBON 470 5% 1/6W
1-249-414-11 s RES, CARBON 560 5% 1/6W

1-249-415-11 s RES, CARBON 680 5% 1/6W
1-249-416-11 s RES, CARBON 820 5% 1/6W
1-249-417-11 s RES, CARBON 1.0K 5% 1/6W
1-249-418-11 s RES, CARBON 1.2K 5% 1/6W
1-249-419-11 s RES, CARBON 1.5K 5% 1/6W

1-249-420-11 s RES, CARBON 1.8K 5% 1/6W
1-249-421-11 s RES, CARBON 2.2K 5% 1/6W
1-249-422-11 s RES, CARBON 2.7K 5% 1/6W
1-249-423-11 s RES, CARBON 3.3K 5% 1/6W
1-249-424-11 s RES, CARBON 3.9K 5% 1/6W

1-249-425-11 s RES, CARBON 4.7K 5% 1/6W
1-249-426-11 s RES, CARBON 5.6K 5% 1/6W
1-249-427-11 s RES, CARBON 6.8K 5% 1/6W
1-249-428-11 s RES, CARBON 8.2K 5% 1/6W
1-249-429-11 s RES, CARBON 10K 5% 1/6W

1-249-430-11 s RES, CARBON 12K 5% 1/6W
1-249-431-11 s RES, CARBON 15K 5% 1/6W
1-249-432-11 s RES, CARBON 18K 5% 1/6W
1-249-433-11 s RES, CARBON 22K 5% 1/6W
1-249-434-11 s RES, CARBON 27K 5% 1/6W

1-249-435-11 s RES, CARBON 33K 5% 1/6W
1-249-436-11 s RES, CARBON 39K 5% 1/6W
1-249-437-11 s RES, CARBON 47K 5% 1/6W
1-249-438-11 s RES, CARBON 56K 5% 1/6W
1-249-439-11 s RES, CARBON 68K 5% 1/6W

Part No. SP Description

1-249-440-11 s RES, CARBON 82K 5% 1/6W
1-249-441-11 s RES, CARBON 100K 5% 1/6W
1-215-471-00 s RES, METAL 120K 1% 1/6W
1-215-473-00 s RES, METAL 150K 1% 1/6W
1-215-475-00 s RES, METAL 180K 1% 1/6W

1-215-477-00 s RES, METAL 220K 1% 1/6W
1-215-479-00 s RES, METAL 270K 1% 1/6W
1-215-481-00 s RES, METAL 330K 1% 1/6W
1-215-483-00 s RES, METAL 390K 1% 1/6W
1-215-485-00 s RES, METAL 470K 1% 1/6W

1-215-487-00 s RES, METAL 560K 1% 1/6W
1-215-489-00 s RES, METAL 680K 1% 1/6W
1-215-491-00 s RES, METAL 820K 1% 1/6W
1-215-493-00 s RES, METAL 1.0M 1% 1/6W

Part No. SF Description

METAL

1-215-373-31 # RES, METAL 10 1X 1/6W
1-215-374-00 # RES, METAL 11 1X 1/6W
1-215-375-00 # RES, METAL 12 1X 1/6W
1-215-376-00 # RES, METAL 13 1X 1/6W
1-215-377-00 # RES, METAL 15 1X 1/6W

1-215-378-00 # RES, METAL 16 1X 1/6W
1-215-379-00 # RES, METAL 18 1X 1/6W
1-215-380-00 # RES, METAL 20 1X 1/6W
1-215-381-00 # RES, METAL 22 1X 1/6W
1-215-382-00 # RES, METAL 24 1X 1/6W

1-215-383-00 # RES, METAL 27 1X 1/6W
1-215-384-00 # RES, METAL 30 1X 1/6W
1-215-385-00 # RES, METAL 33 1X 1/6W
1-215-386-00 # RES, METAL 36 1X 1/6W
1-215-387-00 # RES, METAL 39 1X 1/6W

1-215-388-00 # RES, METAL 43 1X 1/6W
1-215-389-00 # RES, METAL 47 1X 1/6W
1-215-390-00 # RES, METAL 51 1X 1/6W
1-215-391-00 # RES, METAL 56 1X 1/6W
1-215-392-00 # RES, METAL 62 1X 1/6W

1-215-393-00 # RES, METAL 68 1X 1/6W
1-215-394-00 # RES, METAL 75 1X 1/6W
1-215-395-00 # RES, METAL 82 1X 1/6W
1-215-396-00 # RES, METAL 91 1X 1/6W
1-215-397-00 # RES, METAL 100 1X 1/6W

1-215-398-00 # RES, METAL 110 1X 1/6W
1-215-399-00 # RES, METAL 120 1X 1/6W
1-215-400-00 # RES, METAL 130 1X 1/6W
1-215-401-00 # RES, METAL 150 1X 1/6W
1-215-402-00 # RES, METAL 160 1X 1/6W

1-215-403-00 # RES, METAL 180 1X 1/6W
1-215-404-00 # RES, METAL 200 1X 1/6W
1-215-405-00 # RES, METAL 220 1X 1/6W
1-215-406-00 # RES, METAL 240 1X 1/6W
1-215-407-00 # RES, METAL 270 1X 1/6W

1-215-408-00 # RES, METAL 300 1X 1/6W
1-215-409-00 # RES, METAL 330 1X 1/6W
1-215-410-00 # RES, METAL 360 1X 1/6W
1-215-411-00 # RES, METAL 390 1X 1/6W
1-215-412-00 # RES, METAL 430 1X 1/6W

1-215-413-00 # RES, METAL 470 1X 1/6W
1-215-414-00 # RES, METAL 510 1X 1/6W
1-215-415-00 # RES, METAL 560 1X 1/6W
1-215-416-00 # RES, METAL 620 1X 1/6W
1-215-417-00 # RES, METAL 680 1X 1/6W

1-215-418-00 # RES, METAL 750 1X 1/6W
1-215-419-00 # RES, METAL 820 1X 1/6W
1-215-420-00 # RES, METAL 910 1X 1/6W
1-215-421-00 # RES, METAL 1.0K 1X 1/6W
1-215-422-00 # RES, METAL 1.1K 1X 1/6W

1-215-423-00 # RES, METAL 1.2K 1X 1/6W
1-215-424-00 # RES, METAL 1.3K 1X 1/6W
1-215-425-00 # RES, METAL 1.5K 1X 1/6W
1-215-426-00 # RES, METAL 1.6K 1X 1/6W
1-215-427-00 # RES, METAL 1.8K 1X 1/6W

1-215-428-00 # RES, METAL 2.0K 1X 1/6W
1-215-429-00 # RES, METAL 2.2K 1X 1/6W
1-215-430-00 # RES, METAL 2.4K 1X 1/6W
1-215-431-00 # RES, METAL 2.7K 1X 1/6W
1-215-432-00 # RES, METAL 3.0K 1X 1/6W

Part No. SF Description

1-215-433-00 # RES, METAL 3.3K 1X 1/6W
1-215-434-00 # RES, METAL 3.6K 1X 1/6W
1-215-435-00 # RES, METAL 3.9K 1X 1/6W
1-215-436-00 # RES, METAL 4.3K 1X 1/6W
1-215-437-00 # RES, METAL 4.7K 1X 1/6W

1-215-438-00 # RES, METAL 5.1K 1X 1/6W
1-215-439-00 # RES, METAL 5.6K 1X 1/6W
1-215-440-00 # RES, METAL 6.2K 1X 1/6W
1-215-441-00 # RES, METAL 6.8K 1X 1/6W
1-215-442-00 # RES, METAL 7.5K 1X 1/6W

1-215-443-00 # RES, METAL 8.2K 1X 1/6W
1-215-444-00 # RES, METAL 9.1K 1X 1/6W
1-215-445-00 # RES, METAL 10K 1X 1/6W
1-215-446-00 # RES, METAL 11K 1X 1/6W
1-215-447-00 # RES, METAL 12K 1X 1/6W

1-215-448-00 # RES, METAL 13K 1X 1/6W
1-215-449-00 # RES, METAL 15K 1X 1/6W
1-215-450-00 # RES, METAL 16K 1X 1/6W
1-215-451-00 # RES, METAL 18K 1X 1/6W
1-215-452-00 # RES, METAL 20K 1X 1/6W

1-215-453-00 # RES, METAL 22K 1X 1/6W
1-215-454-00 # RES, METAL 24K 1X 1/6W
1-215-455-00 # RES, METAL 27K 1X 1/6W
1-215-456-00 # RES, METAL 30K 1X 1/6W
1-215-457-00 # RES, METAL 33K 1X 1/6W

1-215-458-00 # RES, METAL 36K 1X 1/6W
1-215-459-00 # RES, METAL 39K 1X 1/6W
1-215-460-00 # RES, METAL 43K 1X 1/6W
1-215-461-00 # RES, METAL 47K 1X 1/6W
1-215-462-00 # RES, METAL 51K 1X 1/6W

1-215-463-00 # RES, METAL 56K 1X 1/6W
1-215-464-00 # RES, METAL 62K 1X 1/6W
1-215-465-00 # RES, METAL 68K 1X 1/6W
1-215-466-00 # RES, METAL 75K 1X 1/6W
1-215-467-00 # RES, METAL 82K 1X 1/6W

1-215-468-00 # RES, METAL 91K 1X 1/6W
1-215-469-00 # RES, METAL 100K 1X 1/6W
1-215-470-00 # RES, METAL 110K 1X 1/6W
1-215-471-00 # RES, METAL 120K 1X 1/6W
1-215-472-00 # RES, METAL 130K 1X 1/6W

1-215-473-00 # RES, METAL 150K 1X 1/6W
1-215-474-00 # RES, METAL 160K 1X 1/6W
1-215-475-00 # RES, METAL 180K 1X 1/6W
1-215-476-00 # RES, METAL 200K 1X 1/6W
1-215-477-00 # RES, METAL 220K 1X 1/6W

1-215-478-00 # RES, METAL 240K 1X 1/6W
1-215-479-00 # RES, METAL 270K 1X 1/6W
1-215-480-00 # RES, METAL 300K 1X 1/6W
1-215-481-00 # RES, METAL 330K 1X 1/6W
1-215-482-00 # RES, METAL 360K 1X 1/6W

1-215-483-00 # RES, METAL 390K 1X 1/6W
1-215-484-00 # RES, METAL 430K 1X 1/6W
1-215-485-00 # RES, METAL 470K 1X 1/6W
1-215-486-00 # RES, METAL 510K 1X 1/6W
1-215-487-00 # RES, METAL 560K 1X 1/6W

1-215-488-00 # RES, METAL 620K 1X 1/6W
1-215-489-00 # RES, METAL 680K 1X 1/6W
1-215-490-00 # RES, METAL 750K 1X 1/6W
1-215-491-00 # RES, METAL 820K 1X 1/6W
1-215-492-00 # RES, METAL 910K 1X 1/6W

1-215-493-00 # RES, METAL 1.0M 1X 1/6W

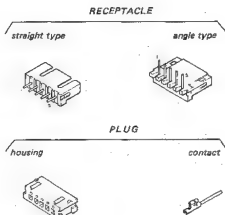
Part No. SP Description

CONNECTOR

1-564-001-11 o RECEPTACLE 2P MALE (STRAIGHT TYPE)
 1-564-012-11 o RECEPTACLE 2P MALE (ANGLE TYPE)
 1-562-147-11 o HOUSING 2P
 1-564-026-21 o CONTACT AWG24-30
 1-564-681-21 o CONTACT AWG32
 1-564-002-11 o RECEPTACLE 3P MALE (STRAIGHT TYPE)
 1-564-013-11 o RECEPTACLE 3P MALE (ANGLE TYPE)
 1-562-148-11 o HOUSING 3P
 1-564-026-21 o CONTACT AWG24-30
 1-564-681-21 o CONTACT AWG32
 1-564-003-11 o RECEPTACLE 4P MALE (STRAIGHT TYPE)
 1-564-014-11 o RECEPTACLE 4P MALE (ANGLE TYPE)
 1-562-149-11 o HOUSING 4P
 1-564-026-21 o CONTACT AWG24-30
 1-564-681-21 o CONTACT AWG32
 1-564-004-11 o RECEPTACLE 5P MALE (STRAIGHT TYPE)
 1-564-015-11 o RECEPTACLE 5P MALE (ANGLE TYPE)
 1-562-150-11 o HOUSING 5P
 1-564-026-21 o CONTACT AWG24-30
 1-564-681-21 o CONTACT AWG32
 1-564-005-11 o RECEPTACLE 6P MALE (STRAIGHT TYPE)
 1-564-016-11 o RECEPTACLE 6P MALE (ANGLE TYPE)
 1-562-151-11 o HOUSING 6P
 1-564-026-21 o CONTACT AWG24-30
 1-564-681-21 o CONTACT AWG32
 1-564-006-11 o RECEPTACLE 7P MALE (STRAIGHT TYPE)
 1-564-017-11 o RECEPTACLE 7P MALE (ANGLE TYPE)
 1-562-152-11 o HOUSING 7P
 1-564-026-21 o CONTACT AWG24-30
 1-564-681-21 o CONTACT AWG32
 1-564-007-11 o RECEPTACLE 8P MALE (STRAIGHT TYPE)
 1-564-018-11 o RECEPTACLE 8P MALE (ANGLE TYPE)
 1-562-153-11 o HOUSING 8P
 1-564-026-21 o CONTACT AWG24-30
 1-564-681-21 o CONTACT AWG32
 1-564-008-41 o RECEPTACLE 9P MALE (STRAIGHT TYPE)
 1-564-019-11 o RECEPTACLE 9P MALE (ANGLE TYPE)
 1-562-154-11 o HOUSING 9P
 1-564-026-21 o CONTACT AWG24-30
 1-564-681-21 o CONTACT AWG32
 1-564-009-11 o RECEPTACLE 10P MALE (STRAIGHT TYPE)
 1-564-020-11 o RECEPTACLE 10P MALE (ANGLE TYPE)
 1-562-155-11 o HOUSING 10P
 1-564-026-21 o CONTACT AWG24-30
 1-564-681-21 o CONTACT AWG32
 1-564-010-21 o RECEPTACLE 11P MALE (STRAIGHT TYPE)
 1-564-021-11 o RECEPTACLE 11P MALE (ANGLE TYPE)
 1-562-156-11 o HOUSING 11P
 1-564-026-21 o CONTACT AWG24-30
 1-564-681-21 o CONTACT AWG32
 1-564-011-11 o RECEPTACLE 12P MALE (STRAIGHT TYPE)
 1-564-022-11 o RECEPTACLE 12P MALE (ANGLE TYPE)
 1-562-157-11 o HOUSING 12P
 1-564-026-21 o CONTACT AWG24-30
 1-564-681-21 o CONTACT AWG32

Part No. SP Description

1-564-683-11 o RECEPTACLE 13P MALE (STRAIGHT TYPE)
 1-564-743-11 o RECEPTACLE 13P MALE (ANGLE TYPE)
 1-562-627-11 o HOUSING 13P
 1-564-026-21 o CONTACT AWG24-30
 1-564-681-21 o CONTACT AWG32
 1-564-069-11 o RECEPTACLE 14P MALE (STRAIGHT TYPE)
 1-564-630-11 o RECEPTACLE 14P MALE (ANGLE TYPE)
 1-562-185-11 o HOUSING 14P
 1-564-026-21 o CONTACT AWG24-30
 1-564-681-21 o CONTACT AWG32
 1-564-855-11 o RECEPTACLE 15P MALE (STRAIGHT TYPE)
 1-564-877-11 o RECEPTACLE 15P MALE (ANGLE TYPE)
 1-562-958-11 o HOUSING 15P
 1-564-026-21 o CONTACT AWG24-30
 1-564-681-21 o CONTACT AWG32



Ref No. Parts No. SP Description

AC-78/78A BOARD

- 5) 1-622-704-11 o PRINTED CIRCUIT BOARD, AC-78
6) 1-622-704-12 o PRINTED CIRCUIT BOARD, AC-78

- Δ1-533-189-11 o HOLDER, FUSE
1-533-189-11 o HOLDER, FUSE

- ΔC1 1-136-185-00 s FILM 0.22 20X 250V

- ΔC950 1-564-241-00 o PIN, 4P
1-562-285-11 o HOUSING, 4P
1-562-210-11 o CONTACT
C951 1-564-243-00 o PIN, 6P
1-562-287-11 o HOUSING, 6P
C952 1-564-242-00 o PIN, 5P
1-562-286-11 o HOUSING, 5P

- ΔF1 1-532-350-00 s FUSE 250V 4A (for EK)
1-532-746-11 s FUSE 125V 4A (for U)

- ΔR1 1-214-937-00 s CARBON 1M 5% 1/2W

S/N UP TO 14270 (EK)AC-79 BOARD

- 3) 1-622-802-11 o PRINTED CIRCUIT BOARD, AC-79
4) 1-622-802-12 o PRINTED CIRCUIT BOARD, AC-79

- ΔC1 1-136-185-00 s FILM 0.22 20X 250V
C2 1-136-185-00 s FILM 0.22 20X 250V
C3 1-136-185-00 s FILM 0.22 20X 250V
C4 1-161-741-00 s CERAMIC 0.001 10X 400V
C5 1-161-741-00 s CERAMIC 0.001 10X 400V
C6 1-161-741-00 s CERAMIC 0.001 10X 400V
C7 1-161-741-00 s CERAMIC 0.001 10X 400V
C8 1-161-741-00 s CERAMIC 0.001 10X 400V
C9 1-161-741-00 s CERAMIC 0.001 10X 400V

- ΔT1 1-421-985-11 s LINE FILTER
T2 1-421-985-11 s LINE FILTER

S/N 14271 AND HIGHER (EK)AC-105 BOARD

- 1-633-371-11 o PRINTED CIRCUIT BOARD, AC-105
ΔC1 1-136-527-12 s FILM 0.47 20X 250V
C2 1-161-741-00 s CERAMIC 0.001 10X 400V
C3 1-161-741-00 s CERAMIC 0.001 10X 400V
C4 1-161-741-00 s CERAMIC 0.001 10X 400V
C5 1-161-741-00 s CERAMIC 0.001 10X 400V
C6 1-161-741-00 s CERAMIC 0.001 10X 400V
C7 1-161-741-00 s CERAMIC 0.001 10X 400V

- ΔT1 1-421-944-11 s LINE FILTER
T2 1-421-944-11 s LINE FILTER
T3 1-421-944-11 s LINE FILTER

Ref No. Parts No. SP Description

AU-83A BOARD

This board includes the DUS-71 board.

A-6713-287-A o MOUNTED CIRCUIT BOARD, AU-83A

- 1-564-548-11 o PIN, BOARD TO BOARD 3P
(AU-83A to DUS-71)

- C1 1-123-337-00 s ELECT 47 20X 16V
C2 1-109-681-61 s NICA 220PF 5X 500V
C3 1-162-289-31 s CERAMIC 390PF 10X 50V
C5 1-131-351-00 s TANTALUM 4.7 10X 25V
C6 1-131-358-00 s TANTALUM 6.8 10X 25V

- C10 1-162-286-31 s CERAMIC 220PF 10X 50V
C11 1-162-207-31 s CERAMIC 22PF 5X 50V
C14 1-131-348-00 s TANTALUM 1.5 20X 25V
C26 1-131-373-00 s TANTALUM 22 10X 16V
C32 1-131-342-00 s TANTALUM 0.15 10X 35V

- C37 1-162-207-31 s CERAMIC 22PF 5X 50V
C46 1-124-927-11 s ELECT 4.7 20X 50V
C47 1-123-332-00 s ELECT 47 20X 16V
C48 1-131-351-00 s TANTALUM 4.7 10X 25V
C52 1-162-207-31 s CERAMIC 22PF 5X 50V

- C55 1-131-373-00 s TANTALUM 15 10X 16V
C57 1-162-294-31 s CERAMIC 0.001 10X 50V
C60 1-131-373-00 s TANTALUM 22 10X 16V
C61 1-162-207-31 s CERAMIC 22PF 5X 50V

- C64 1-124-927-11 s ELECT 4.7 20X 50V
C65 1-131-349-00 s TANTALUM 2.2 10X 35V
C66 1-131-373-00 s TANTALUM 22 10X 16V
C69 1-162-288-31 s CERAMIC 330PF 10X 50V
C80 1-126-101-11 s ELECT 100 20X 16V

- C81 1-126-101-11 s ELECT 100 20X 16V
C82 1-126-101-11 s ELECT 100 20X 16V
C83 1-126-101-11 s ELECT 100 20X 16V
C100 1-126-101-11 s ELECT 100 20X 16V
C101 1-161-379-00 s CERAMIC 0.01 30X 16V

- C102 1-126-101-11 s ELECT 100 20X 16V
C103 1-161-379-00 s CERAMIC 0.01 30X 16V

- CN4 1-566-258-11 o BOARD TO BOARD 12P (AU-83A to HW-77)
CN5 1-566-258-11 o BOARD TO BOARD 12P (AU-83A to HW-77)
CN6 1-566-258-11 o BOARD TO BOARD 12P (AU-83A to HW-77)

- CF1 1-236-010-11 s FILTER, LOW PASS
CF2 1-236-010-11 s FILTER, LOW PASS

- D1 8-719-901-33 s 1S8133
D2 8-719-901-33 s 1S8133
D3 8-719-109-91 s R06.2ES-B
D4 8-719-901-33 s 1S8133
D5 8-719-109-91 s R06.2ES-B

Parts that are not listed in the "Reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No.	Parts No.	SP	Description
D6	8-719-901-33	■	188133
D7	8-719-901-33	■	188133
D8	8-719-200-02	■	108-2
D9	8-719-200-02	■	108-2
D10	8-719-901-33	■	188133
D11	8-719-901-33	■	188133
D14	8-719-901-33	■	188133
D15	8-719-901-33	■	188133
D16	8-719-901-33	■	188133
D19	8-719-901-33	■	188133
IC1	8-759-981-57	■	RC2043D-D(RAYTHEON)
IC2	8-759-981-96	■	RC4560D(RAYTHEON)
IC3	8-749-900-86	■	3X-14691(SONY)
IC4	8-759-981-91	■	RC4558D(RAYTHEON)
IC5	8-759-981-90	■	RC4558D-D(RAYTHEON)
IC6	8-759-981-96	■	RC4560D(RAYTHEON)
21J1C7	8-720-002-92	■	TX-429H(SONY)
21J1C7	8-766-001-49	■	TX-429H(SONY)
21J1C8	8-720-002-92	■	TX-429H(SONY)
22J1C8	8-766-001-49	■	TX-429H(SONY)
IC11	8-759-982-02	■	RC4562D-D(RAYTHEON)
LV1	1-407-305-00	■	MICRO 22mH
LV2	1-407-307-00	■	MICRO 35mH
LV3	1-407-305-00	■	MICRO 22mH
LV4	1-407-305-00	■	MICRO 22mH
LV5	1-459-512-00	■	VAR 20mH
LV102	1-407-307-00	■	MICRO 35mH
LV103	1-407-307-00	■	MICRO 35mH
Q1	8-729-178-55	■	28C2785H
Q2	8-729-178-35	■	28C2785H
Q3	8-729-117-54	■	28A1175
Q4	8-729-201-05	■	28C2878-B
Q5	8-729-178-54	■	28C2785
Q6	8-729-105-72	■	28K523-11
Q7	8-729-178-54	■	28C2785
Q8	8-729-117-54	■	28A1175
Q9	8-729-900-65	■	DTA144ES
Q10	8-729-178-54	■	28C2785
Q11	8-729-178-54	■	28C2785
Q14	8-729-117-54	■	28A1175
Q15	8-729-178-54	■	28C2785
Q16	8-729-178-54	■	28C2785
Q17	8-729-900-89	■	DTA144ES
Q18	8-729-178-54	■	28C2785
Q19	8-729-201-05	■	28C2878-B
Q20	8-729-178-54	■	28C2785
Q21	8-729-178-54	■	28C2785
Q22	8-729-178-54	■	28C2785
Q23	8-729-178-54	■	28C2785
Q24	8-729-117-54	■	28A1175
Q25	8-729-201-05	■	28C2878-B
Q26	8-729-900-89	■	DTA144ES
Q27	8-729-900-65	■	DTA144ES
Q28	8-729-900-89	■	DTA144ES
Q29	8-729-201-05	■	28C2878-B
Q30	8-729-117-54	■	28A1175
Q31	8-729-178-54	■	28C2785
Q32	8-729-900-65	■	DTA144ES
Q33	8-729-900-89	■	DTA144ES

Ref No.	Parts No.	SP	Description
R12	1-247-883-00	■	CARBON 150K 5X 1/6W
R17	1-249-404-00	■	CARBON 82 5X 1/6W
R18	1-247-883-00	■	CARBON 150K 5X 1/6W
R22	1-247-887-00	■	CARBON 220K 5X 1/6W
R57	1-247-883-00	■	CARBON 150K 5X 1/6W
R65	1-247-887-00	■	CARBON 220K 5X 1/6W
R84	1-247-883-00	■	CARBON 150K 5X 1/6W
R86	1-247-849-00	■	CARBON 5.6K 5X 1/6W
R94	1-247-883-00	■	CARBON 150K 5X 1/6W
R109	1-247-895-00	■	CARBON 470K 5X 1/6W
R115	1-247-887-00	■	CARBON 220K 5X 1/6W
R138	1-247-885-00	■	CARBON 180K 5X 1/6W
R140	1-247-885-00	■	CARBON 180K 5X 1/6W
R142	1-247-883-00	■	CARBON 150K 5X 1/6W
R143	1-247-883-00	■	CARBON 150K 5X 1/6W
RV1	1-228-993-00	■	VAR, CARBON 4.7K
RV2	1-228-993-00	■	VAR, CARBON 4.7K
RV3	1-228-996-00	■	VAR, CARBON 220K
RV4	1-228-993-00	■	VAR, CARBON 4.7K
RV5	1-228-996-00	■	VAR, CARBON 47K
RV6	1-230-720-11	■	VAR, CARBON 4.7K
RV7	1-228-996-00	■	VAR, CARBON 47K
RV8	1-230-496-11	■	VAR, CARBON 10K
RV9	1-230-500-11	■	VAR, CARBON 220K
RV10	1-230-720-11	■	VAR, CARBON 4.7K
RV11	1-230-720-11	■	VAR, CARBON 4.7K
RV12	1-230-719-11	■	VAR, CARBON 2.2K
T1	1-427-284-00	■	OUTPUT

AU-84A BOARD

This board includes the DUS-71 and HW-77 boards.

A-6713-288-A ■ MOUNTED CIRCUIT BOARD, AU-84A

1-564-548-11 ○ PIN, BOARD TO BOARD 5P (AU-84A to DUS-71)

C1	1-123-332-00	■	ELECT 47 20X 16V
C2	1-109-681-61	■	MICA 220PF 5X 300V
C3	1-162-289-31	■	CERAMIC 390PF 10X 50V
C5	1-131-331-00	■	TANTALUM 4.7 10X 25V
C6	1-131-358-00	■	TANTALUM 6.8 10X 25V
C10	1-162-286-31	■	CERAMIC 220PF 10X 50V
C11	1-162-207-31	■	CERAMIC 22PF 5X 50V
C14	1-131-348-00	■	TANTALUM 1.5 20X 25V
C26	1-131-367-00	■	TANTALUM 22 10X 16V
C32	1-131-342-00	■	TANTALUM 0.15 10X 35V

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

C34 1-126-101-11 # ELECT 100 20X 16V
 C37 1-162-207-31 # CERAMIC 22PF 5X 50V
 C46 1-124-927-11 # ELECT 4.7 20X 50V
 C47 1-123-332-00 # ELECT 47 20X 16V
 C48 1-131-351-00 # TANTALUM 4.7 10X 25V

C52 1-162-207-31 # CERAMIC 22PF 5X 50V
 C55 1-131-372-00 # TANTALUM 15 10X 16V
 C57 1-162-294-31 # CERAMIC 0.001 10X 50V
 C60 1-131-367-00 # TANTALUM 22 10X 16V
 C61 1-162-207-31 # CERAMIC 22PF 5X 50V

C64 1-124-927-11 # ELECT 4.7 20X 50V
 C65 1-131-361-00 # TANTALUM 2.2 10X 20V
 C66 1-131-367-00 # TANTALUM 22 10X 16V
 C73 1-126-103-11 # ELECT 470 20X 16V
 C74 1-126-103-11 # ELECT 470 20X 16V

C75 1-126-101-11 # ELECT 100 20X 16V
 C76 1-126-101-11 # ELECT 100 20X 16V
 C77 1-126-101-11 # ELECT 100 20X 16V
 C78 1-126-101-11 # ELECT 100 20X 16V
 C81 1-162-288-31 # CERAMIC 330PF 10X 50V

CN4 1-563-685-11 o BOARD TO BOARD 12P (HN-77 to AU-83A)

CN4 1-506-592-11 o PIN, BOARD TO BOARD 4P

CN4 (AU-84A to HN-77)

CN4 1-564-549-11 o PIN, BOARD TO BOARD 10P

(AU-84A to HN-77)

CN5 1-563-685-11 o BOARD TO BOARD 12P (HN-77 to AU-83A)

CN5 1-564-549-11 o PIN, BOARD TO BOARD 10P

(AU-84A to HN-77)

CN6 1-563-685-11 o BOARD TO BOARD 12P (HN-77 to AU-83A)

CN6 1-506-592-11 o PIN, BOARD TO BOARD 4P

(AU-84A to HN-77)

CN6 1-564-549-11 o PIN, BOARD TO BOARD 10P

(AU-84A to HN-77)

CN107 1-506-747-21 o PIN, DIN(DIP) 64P

CP1 1-236-010-11 # FILTER, LOW PASS

CP2 1-236-010-11 # FILTER, LOW PASS

D1 8-719-901-33 # 18S133

D2 8-719-901-33 # 18S133

D3 8-719-109-91 # RD6.2ES-B

D4 8-719-901-33 # 18S133

D5 8-719-109-91 # RD6.2ES-B

D6 8-719-901-33 # 18S133

D7 8-719-901-33 # 18S133

D8 8-719-200-02 # 10E-2

D9 8-719-200-02 # 10E-2

D10 8-719-901-33 # 18S133

D11 8-719-901-33 # 18S133

D12 8-719-901-33 # 18S133

D13 8-719-901-33 # 18S133

D15 8-719-109-87 # RD5.6ES-B

D16 8-719-110-05 # RD8.2ES-B

D17 8-719-109-58 # RD2.7ES-B

D18 8-719-901-33 # 18S133

D19 8-719-901-33 # 18S133

Ref No. Parts No. SP Description

IC1 8-759-981-57 # RC2043D-D(RAYTHEON)

IC2 8-759-981-96 # RC4560D(RAYTHEON)

IC3 8-749-900-86 # RK-146SL(SONY)

IC4 8-759-981-91 # RC4558D(RAYTHEON)

IC5 8-759-981-90 # RC4558D-B(RAYTHEON)

IC6 8-759-981-96 # RC4560D(RAYTHEON)

21)IC7 8-720-002-92 # TX-429M(SONY)

22)IC7 8-766-001-49 # TX-429M(SONY)

21)IC8 8-720-002-92 # TX-429M(SONY)

22)IC8 8-766-001-49 # TX-429M(SONY)

IC9 8-759-982-21 # RC78105A(RAYTHEON)

IC10 8-759-982-44 # RC79105A(RAYTHEON)

IC11 8-759-982-02 # RC4562B-D(RAYTHEON)

LV1 1-407-305-00 # MICRO 22mH

LV2 1-407-307-00 # MICRO 35mH

LV3 1-407-305-00 # MICRO 22mH

LV4 1-407-305-00 # MICRO 22mH

13)LV5 1-459-434-00 # VAR 22mH

14)LV5 1-459-512-00 # VAR 20mH

LV202 1-407-307-00 # MICRO 35mH

LV203 1-407-307-00 # MICRO 35mH

Q1 8-729-178-55 # 28C2785H

Q2 8-729-178-55 # 28C2785E

Q3 8-729-117-54 # 28A1175

Q4 8-729-201-05 # 28C2878-B

Q5 8-729-178-54 # 28C2785

Q6 8-729-105-72 # 28K523-L1

Q7 8-729-178-54 # 28C2785

Q8 8-729-117-54 # 28A1175

Q9 8-729-900-65 # DTA144ES

Q10 8-729-178-54 # 28C2785

Q11 8-729-178-54 # 28C2785

Q14 8-729-117-54 # 28A1175

Q15 8-729-178-54 # 28C2785

Q16 8-729-178-54 # 28C2785

Q17 8-729-900-89 # DTA144ES

Q18 8-729-178-54 # 28C2785

Q19 8-729-201-05 # 28C2878-B

Q20 8-729-178-54 # 28C2785

Q21 8-729-178-54 # 28C2785

Q22 8-729-178-54 # 28C2785

Q23 8-729-178-54 # 28C2785

Q24 8-729-117-54 # 28A1175

Q25 8-729-201-05 # 28C2878-B

Q29 8-729-201-05 # 28C2878-B

Q30 8-729-117-54 # 28A1175

Q31 8-729-178-54 # 28C2785

Q32 8-729-113-32 # 28B733

Q33 8-729-178-54 # 28C2785

Q34 8-729-117-54 # 28A1175

Q35 8-729-177-32 # 28D773

Q36 8-729-900-65 # DTA144ES

Q37 8-729-900-89 # DTA144ES

Q38 8-729-900-65 # DTA144ES

Q39 8-729-900-89 # DTA144ES

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No.	Parta No.	SP	Description
R12	1-247-883-00	■	CARBON 150k 5% 1/6W
R17	1-249-404-00	■	CARBON 82 5% 1/6W
R18	1-247-883-00	■	CARBON 150k 5% 1/6W
R22	1-247-887-00	■	CARBON 220k 5% 1/6W
R37	1-247-883-00	■	CARBON 150k 5% 1/6W
R65	1-247-887-00	■	CARBON 220k 5% 1/6W
R84	1-247-883-00	■	CARBON 150k 5% 1/6W
R86	1-247-849-00	■	CARBON 5.6k 5% 1/6W
R94	1-247-883-00	■	CARBON 150k 5% 1/6W
R109	1-247-895-00	■	CARBON 470k 5% 1/6W
R15	1-247-887-00	■	CARBON 220k 5% 1/6W
R153	1-247-885-00	■	CARBON 180k 5% 1/6W
R156	1-247-883-00	■	CARBON 150k 5% 1/6W
R157	1-247-883-00	■	CARBON 150k 5% 1/6W
R158	1-247-885-00	■	CARBON 180k 5% 1/6W
RV1	1-228-993-00	■	VAR, CARBON 4.7k
RV2	1-228-993-00	■	VAR, CARBON 4.7k
RV3	1-228-998-00	■	VAR, CARBON 220k
RV4	1-228-993-00	■	VAR, CARBON 4.7k
RV5	1-228-996-00	■	VAR, CARBON 47k
RV6	1-230-720-11	■	VAR, CARBON 4.7k
RV7	1-228-996-00	■	VAR, CARBON 47k
RV8	1-230-496-11	■	VAR, CARBON 10k
RV9	1-230-500-11	■	VAR, CARBON 220k
RV10	1-230-720-11	■	VAR, CARBON 4.7k
RV11	1-230-720-11	■	VAR, CARBON 4.7k
RV12	1-230-719-11	■	VAR, CARBON 2.2k
T1	1-427-284-00	■	TRANSFORMER, OUTPUT

AU-85A BOARD

A-6713-289-A o MOUNTED CIRCUIT BOARD, AU-85A

C1	1-131-360-91	■	TANTALUM 15 10% 25V
C2	1-131-351-00	■	TANTALUM 4.7 10% 25V
C4	1-131-360-91	■	TANTALUM 15 10% 25V
C5	1-131-351-00	■	TANTALUM 4.7 10% 25V
C7	1-131-343-00	■	TANTALUM 0.22 10% 35V
C9	1-131-372-00	■	TANTALUM 15 10% 16V
C10	1-131-351-00	■	TANTALUM 4.7 10% 25V
C15	1-161-379-00	■	CERAMIC 0.01 30% 16V
C26	1-131-365-00	■	TANTALUM 10 10% 16V
C27	1-131-372-00	■	TANTALUM 15 10% 16V
C28	1-131-372-00	■	TANTALUM 15 10% 16V
C29	1-131-365-00	■	TANTALUM 10 10% 16V
C31	1-124-927-11	■	ELECT 4.7 20% 50V
C33	1-131-372-00	■	TANTALUM 15 10% 16V
C34	1-131-351-00	■	TANTALUM 4.7 10% 25V
C39	1-161-379-00	■	CERAMIC 0.01 30% 16V
C47	1-123-332-00	■	ELECT 47 20% 16V
C49	1-131-365-00	■	TANTALUM 10 10% 16V
C50	1-131-372-00	■	TANTALUM 15 10% 16V
C51	1-131-372-00	■	TANTALUM 15 10% 16V
C52	1-131-365-00	■	TANTALUM 10 10% 16V

C53	1-131-351-00	■	TANTALUM 4.7 10% 25V
C54	1-131-351-00	■	TANTALUM 4.7 10% 25V
C57	1-124-927-11	■	ELECT 4.7 20% 50V
C60	1-131-343-00	■	TANTALUM 0.22 10% 35V
C63	1-131-343-00	■	TANTALUM 0.22 10% 35V
C68	1-124-927-11	■	ELECT 4.7 20% 50V
C101	1-162-286-31	■	CERAMIC 220PF 10% 50V
C103	1-162-286-31	■	CERAMIC 220PF 10% 50V
C104	1-162-285-31	■	CERAMIC 180PF 10% 50V
C110	1-162-286-31	■	CERAMIC 220PF 10% 50V
C111	1-162-286-31	■	CERAMIC 220PF 10% 50V
C112	1-161-379-00	■	CERAMIC 0.01 30% 16V
C113	1-161-379-00	■	CERAMIC 0.01 30% 16V
C114	1-129-718-00	■	FILM 0.022 10% 630V
C115	1-131-356-00	■	TANTALUM 3.3 10% 25V
C116	1-131-373-00	■	TANTALUM 22 10% 16V
C119	1-162-286-31	■	CERAMIC 220PF 10% 50V
C121	1-162-286-31	■	CERAMIC 220PF 10% 50V
C122	1-162-285-31	■	CERAMIC 180PF 10% 50V
C128	1-162-286-31	■	CERAMIC 220PF 10% 50V
C129	1-162-286-31	■	CERAMIC 220PF 10% 50V
C130	1-161-379-00	■	CERAMIC 0.01 30% 16V
C131	1-129-718-00	■	FILM 0.022 10% 630V
C132	1-131-356-00	■	TANTALUM 3.3 10% 25V
C133	1-131-373-00	■	TANTALUM 22 10% 16V
C136	1-162-286-31	■	CERAMIC 220PF 10% 50V
C138	1-162-285-31	■	CERAMIC 180PF 10% 50V
C139	1-131-352-00	■	TANTALUM 6.8 10% 35V
C140	1-162-215-31	■	CERAMIC 47PF 5% 50V
C143	1-162-286-31	■	CERAMIC 220PF 10% 50V
C144	1-162-286-31	■	CERAMIC 220PF 10% 50V
C145	1-161-379-00	■	CERAMIC 0.01 30% 16V
C146	1-161-379-00	■	CERAMIC 0.01 30% 16V
C149	1-162-286-31	■	CERAMIC 220PF 10% 50V
C151	1-162-286-31	■	CERAMIC 220PF 10% 50V
C152	1-162-285-31	■	CERAMIC 180PF 10% 50V
C153	1-131-352-00	■	TANTALUM 6.8 10% 35V
C154	1-162-215-31	■	CERAMIC 47PF 5% 50V
C157	1-162-286-31	■	CERAMIC 220PF 10% 50V
C158	1-162-286-31	■	CERAMIC 220PF 10% 50V
C159	1-161-379-00	■	CERAMIC 0.01 30% 16V
C162	1-109-681-61	■	WGA 220PF 5% 500V
C163	1-109-681-61	■	WGA 220PF 5% 500V
C164	1-162-286-31	■	CERAMIC 220PF 10% 50V
C165	1-161-379-00	■	CERAMIC 0.01 30% 16V
C166	1-162-215-31	■	CERAMIC 47PF 5% 50V
C167	1-162-215-31	■	CERAMIC 47PF 5% 50V
C168	1-161-379-00	■	CERAMIC 0.01 30% 16V
C169	1-161-379-00	■	CERAMIC 0.01 30% 16V
C200	1-126-103-11	■	ELECT 470 20% 16V
C201	1-126-103-11	■	ELECT 470 20% 16V
CH109	1-506-747-21	o	FIN, DIN(DIP) 64P
D1	8-719-901-33	■	18S133
D2	8-719-901-33	■	18S133
D3	8-719-901-33	■	18S133
D4	8-719-901-33	■	18S133
D5	8-719-901-33	■	18S133

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No.	Parts No.	SP	Description	Ref No.	Parts No.	SP	Description
D6	8-719-109-91	•	RD6.28S-B	Q116	8-729-117-54	•	2SAll175
D7	8-719-109-91	•	RD6.28S-B	Q117	8-729-117-54	•	2SC2785
D8	8-719-901-33	•	1SS133	Q118	8-729-905-54	•	2SD1055-R
D9	8-719-901-33	•	1SS133	Q119	8-729-982-22	•	2SB822
D10	8-719-901-33	•	1SS133	Q120	8-729-117-54	•	2SAll175
D11	8-719-901-33	•	1SS133	19)Q121	8-729-201-05	•	2SC2878-B
D12	8-719-901-33	•	1SS133	20)Q121	8-729-107-84	•	2SC3623A-L
D13	8-719-901-33	•	1SS133	19)Q122	8-729-201-05	•	2SC2878-B
D14	8-719-901-33	•	1SS133	20)Q122	8-729-107-84	•	2SC3623A-L
D101	8-719-901-33	•	1SS133	Q123	8-729-178-54	•	2SC2785
D102	8-719-901-33	•	1SS133	Q124	8-729-117-54	•	2SAll175
IC1	8-759-205-76	•	TC504013BP(TOSHIBA)	Q125	8-729-201-05	•	2SC2878-B
IC2	8-759-132-40	•	UPC324C(NEC)	Q126	8-729-201-05	•	2SC2878-B
IC3	8-759-132-40	•	UPC324C(NEC)	Q127	8-729-178-54	•	2SC2785
IC4	8-759-969-13	•	SN16913P(TI)	Q128	8-729-117-54	•	2SAll175
IC5	8-759-969-13	•	SN16913P(TI)	Q129	8-729-178-54	•	2SC2785
IC6	8-759-969-13	•	SN16913P(TI)	Q130	8-729-905-53	•	2SD1055-R
IC7	8-759-969-13	•	SN16913P(TI)	Q131	8-729-982-22	•	2SB822
IC8	8-759-132-40	•	UPC324C(NEC)	Q132	8-729-178-54	•	2SC2785
IC101	8-759-981-96	•	RC4560D(RAYTHEON)	Q133	8-729-117-54	•	2SAll175
IC102	8-759-981-96	•	RC4560D(RAYTHEON)	Q134	8-729-201-05	•	2SC2878-B
L1	1-459-155-00	•	(WITH CORE) 45	Q135	8-729-201-05	•	2SC2878-B
LV1	1-407-306-00	•	MICRO 28mH	Q136	8-729-178-54	•	2SC2785
LV2	1-407-306-00	•	MICRO 28mH	Q137	8-729-117-54	•	2SAll175
LV3	1-407-306-00	•	MICRO 28mH	Q138	8-729-178-54	•	2SC2785
LV4	1-407-300-00	•	MICRO 7.1mH	Q139	8-729-905-53	•	2SD1055-R
LV5	1-407-306-00	•	MICRO 28mH	Q140	8-729-982-22	•	2SB822
LV6	1-407-300-00	•	MICRO 7.1mH	Q144	8-729-900-74	•	DTCL437S
Q1	8-729-900-89	•	DTCL44ES	Q145	8-729-900-74	•	DTCL437S
Q2	8-729-900-89	•	DTCL44ES	Q146	8-729-178-54	•	2SC2785
Q3	8-729-900-89	•	DTCL44ES	R6	1-247-849-00	•	CARBON 5.6k 5% 1/6W
Q4	8-729-900-89	•	DTCL44ES	R12	1-247-849-00	•	CARBON 5.6k 5% 1/6W
Q5	8-729-117-54	•	2SAll175	R22	1-247-885-00	•	CARBON 180k 5% 1/6W
Q6	8-729-117-54	•	2SAll175	R24	1-247-895-00	•	CARBON 470k 5% 1/6W
Q7	8-729-900-89	•	DTCL44ES	R25	1-247-849-00	•	CARBON 5.6k 5% 1/6W
Q8	8-729-117-54	•	2SAll175	R26	1-247-849-00	•	CARBON 5.6k 5% 1/6W
Q9	8-729-117-54	•	2SAll175	R28	1-247-849-00	•	CARBON 5.6k 5% 1/6W
Q10	8-729-201-05	•	2SC2878-B	R31	1-247-881-00	•	CARBON 120k 5% 1/6W
Q11	8-729-178-54	•	2SC2785	R43	1-247-885-00	•	CARBON 180k 5% 1/6W
Q12	8-729-201-05	•	2SC2878-B	R45	1-247-895-00	•	CARBON 470k 5% 1/6W
Q13	8-729-178-54	•	2SC2785	R46	1-247-849-00	•	CARBON 5.6k 5% 1/6W
Q14	8-729-900-89	•	DTCL44ES	R47	1-247-849-00	•	CARBON 5.6k 5% 1/6W
Q101	8-729-178-54	•	2SC2785	R49	1-247-849-00	•	CARBON 5.6k 5% 1/6W
Q105	8-729-117-54	•	2SAll175	R50	1-247-849-00	•	CARBON 5.6k 5% 1/6W
Q106	8-729-178-54	•	2SC2785	R58	1-247-849-00	•	CARBON 5.6k 5% 1/6W
Q107	8-729-905-53	•	2SD1055-R	R51	1-247-881-00	•	CARBON 120k 5% 1/6W
Q108	8-729-982-22	•	2SB822	R52	1-247-881-00	•	CARBON 120k 5% 1/6W
Q109	8-729-117-54	•	2SAll175	R53	1-247-881-00	•	CARBON 120k 5% 1/6W
19)Q110	8-729-201-05	•	2SC2878-B	R56	1-247-881-00	•	CARBON 120k 5% 1/6W
20)Q110	8-729-107-84	•	2SC3623A-L	R70	1-247-887-00	•	CARBON 220k 5% 1/6W
19)Q111	8-729-201-05	•	2SC2878-B	R72	1-247-881-00	•	CARBON 120k 5% 1/6W
20)Q111	8-729-107-84	•	2SC3623A-L	R75	1-247-881-00	•	CARBON 120k 5% 1/6W
Q112	8-729-178-54	•	2SC2785	R77	1-247-755-11	•	CARBON 1.8k 5% 1/2W
				R81	1-247-849-00	•	CARBON 5.6k 5% 1/6W
				R82	1-247-881-00	•	CARBON 120k 5% 1/6W
				R83	1-247-881-00	•	CARBON 120k 5% 1/6W
				R84	1-247-887-00	•	CARBON 220k 5% 1/6W
				R86	1-247-881-00	•	CARBON 120k 5% 1/6W
				R109	1-247-895-00	•	CARBON 470k 5% 1/6W
				R116	1-249-480-11	•	CARBON 3.3 5% 1/2W

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No.	Parts No.	SP	Description
R117	1-249-480-11	■	CARBON 3.3 5% 1/2W
R132	1-247-895-00	■	CARBON 470K 5% 1/6W
R141	1-249-480-11	■	CARBON 3.3 5% 1/2W
R142	1-249-480-11	■	CARBON 3.3 5% 1/2W
R158	1-247-887-00	■	CARBON 220K 5% 1/6W
R167	1-249-480-11	■	CARBON 3.3 5% 1/2W
R168	1-249-480-11	■	CARBON 3.3 5% 1/2W
R177	1-247-887-00	■	CARBON 220K 5% 1/6W
R187	1-249-480-11	■	CARBON 3.3 5% 1/2W
R188	1-249-480-11	■	CARBON 3.3 5% 1/2W
R199	1-247-887-00	■	CARBON 220K 5% 1/6W
R200	1-247-731-11	■	CARBON 22 5% 1/2W
R203	1-247-887-00	■	CARBON 220K 5% 1/6W
R204	1-247-731-11	■	CARBON 22 5% 1/2W

RV1	1-228-998-00	■	VAR, CARBON 220K
RV2	1-228-998-00	■	VAR, CARBON 220K
RV3	1-228-995-00	■	VAR, CARBON 22K
RV4	1-228-990-00	■	VAR, CARBON 1K
RV5	1-228-996-00	■	VAR, CARBON 47K
RV6	1-228-995-00	■	VAR, CARBON 22K
RV7	1-228-990-00	■	VAR, CARBON 1K
RV8	1-228-993-00	■	VAR, CARBON 4.7K
RV9	1-228-993-00	■	VAR, CARBON 4.7K
RV10	1-228-996-00	■	VAR, CARBON 47K
RV11	1-228-996-00	■	VAR, CARBON 47K
RV101	1-230-500-11	■	VAR, CARBON 220K
RV102	1-230-500-11	■	VAR, CARBON 220K
RV103	1-230-500-11	■	VAR, CARBON 220K
RV104	1-230-726-11	■	VAR, CARBON 470K
RV105	1-230-500-11	■	VAR, CARBON 220K
RV106	1-230-726-11	■	VAR, CARBON 470K

AU-87 BOARD

A-6713-283-A o MOUNTED CIRCUIT BOARD, AU-87

C1	1-162-294-31	■	CERAMIC 0.001 10X 50V
C3	1-162-287-31	■	CERAMIC 22PF 5% 50V
C6	1-124-445-00	■	ELECT 100 20X 16V
C9	1-124-445-00	■	ELECT 100 20X 16V
C13	1-162-294-31	■	CERAMIC 0.001 10X 50V
C15	1-162-207-31	■	CERAMIC 22PF 5% 50V
C101	1-124-284-00	■	ELECT 10 20X 16V
C102	1-162-207-31	■	CERAMIC 22PF 5% 50V
C104	1-131-365-00	■	TANTALUM 10 10X 16V
C105	1-124-284-00	■	ELECT 10 20X 16V
C106	1-162-207-31	■	CERAMIC 22PF 5% 50V
C107	1-124-247-91	■	ELECT 10 20X 35V
C108	1-162-207-31	■	CERAMIC 22PF 5% 50V
C109	1-124-247-91	■	ELECT 10 20X 35V
C110	1-124-247-91	■	ELECT 10 20X 35V
C111	1-124-247-91	■	ELECT 10 20X 35V
C112	1-124-247-91	■	ELECT 10 20X 35V
C113	1-162-282-31	■	CERAMIC 100PF 10% 50V
C202	1-124-445-00	■	ELECT 100 20X 16V
C203	1-161-379-00	■	CERAMIC 0.01 30X 16V
C208	1-124-445-00	■	ELECT 100 20X 16V
C209	1-161-379-00	■	CERAMIC 0.01 30X 16V

Ref No. Parts No. SP Description

D101	8-719-901-33	■	1S8133
D102	8-719-901-33	■	1S8133
D103	8-719-200-02	■	10E-2
D104	8-719-200-02	■	10E-2
D105	8-719-901-33	■	1S8133

D106	8-719-901-33	■	1S8133
D107	8-719-901-33	■	1S8133
D108	8-719-901-33	■	1S8133
D109	8-719-109-88	■	RD5.6ES-B1
D201	8-719-110-05	■	RD8.2ES-B

D203	8-719-110-13	■	RD9.1ES-B2
D204	8-719-110-13	■	RD9.1ES-B2
D205	8-719-109-58	■	RD2.7ES-B

IC1	8-759-982-02	■	RC4562D-D(RAYTHEON)
IC100	8-759-982-02	■	RC4562D-D(RAYTHEON)
IC101	8-759-982-02	■	RC4562D-D(RAYTHEON)
IC102	8-759-208-06	■	TC4051BPR(TOSHIBA)

L1	1-407-519-00	■	8mH
L2	1-407-519-00	■	8mH

Q101	8-729-306-92	■	2SD669A
Q102	8-729-304-92	■	2SB649A
Q103	8-729-117-54	■	2SA1175
Q104	8-729-201-05	■	2SC2878-B
Q105	8-729-306-92	■	2SD669A

Q106	8-729-304-92	■	2SB649A
Q107	8-729-201-05	■	2SC2878-B
Q108	8-729-117-54	■	2SA1175
Q109	8-729-306-92	■	2SD669A
Q110	8-729-304-92	■	2SB649A

Q111	8-729-201-05	■	2SC2878-B
Q112	8-729-117-54	■	2SA1175
Q113	8-729-201-05	■	2SC2878-B
Q114	8-729-117-54	■	2SA1175
Q201	8-729-373-92	■	2SB739

Q202	8-729-378-82	■	2SD788
Q203	8-729-178-54	■	2SC2785
Q204	8-729-117-54	■	2SA1175
Q205	8-729-378-82	■	2SD788
Q206	8-729-373-92	■	2SB739

R108	1-247-727-11	■	CARBON 10 5% 1/2W
R109	1-247-727-11	■	CARBON 10 5% 1/2W
R110	1-249-479-11	■	CARBON 2.7 5% 1/2W
R120	1-247-727-11	■	CARBON 10 5% 1/2W
R121	1-247-727-11	■	CARBON 10 5% 1/2W

R122	1-249-479-11	■	CARBON 2.7 5% 1/2W
R131	1-247-727-11	■	CARBON 10 5% 1/2W
R132	1-247-727-11	■	CARBON 10 5% 1/2W
R133	1-249-479-11	■	CARBON 2.7 5% 1/2W
R202	1-247-764-11	■	CARBON 10K 5% 1/2W

R204	1-247-760-11	■	CARBON 4.7K 5% 1/2W
R205	1-247-745-11	■	CARBON 330 5% 1/2W
R208	1-247-764-11	■	CARBON 10K 5% 1/2W
R212	1-247-745-11	■	CARBON 330 5% 1/2W

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

RVI 1-228-993-00 ■ VAR, CARBON 4.7k
 RV2 1-228-993-00 ■ VAR, CARBON 4.7k
 RV3 1-228-995-00 ■ VAR, CARBON 22k

S1 1-552-574-21 ■ SLIDE
 S2 1-552-574-21 ■ SLIDE

T1 1-427-585-11 ■ INPUT/OUTPUT
 T2 1-427-585-11 ■ INPUT/OUTPUT
 T101 1-427-586-11 ■ INPUT/OUTPUT
 T102 1-427-586-11 ■ INPUT/OUTPUT
 T103 1-427-586-11 ■ INPUT/OUTPUT

BC-11 BOARD

A-6725-572-A o MOUNTED CIRCUIT BOARD, BC-11

19)C103 1-124-445-00 ■ ELECT 100 20X 16V
 20)C103 1-124-120-11 ■ ELECT 220 20X 25V
 C105 1-161-379-00 ■ CERAMIC 0.01 30X 16V
 C106 1-162-282-31 ■ CERAMIC 100PF 10X 50V
 C107 1-124-445-00 ■ ELECT 100 20X 16V
 C108 1-124-445-00 ■ ELECT 100 20X 16V
 C111 1-124-445-00 ■ ELECT 100 20X 16V
 C114 1-124-927-11 ■ ELECT 4.7 20X 50V
 C118 1-124-445-00 ■ ELECT 100 20X 16V
 C120 1-124-445-00 ■ ELECT 100 20X 16V
 C122 1-124-445-00 ■ ELECT 100 20X 16V
 C123 1-161-379-00 ■ CERAMIC 0.01 30X 16V
 C124 1-161-379-00 ■ CERAMIC 0.01 30X 16V
 C126 1-124-445-00 ■ ELECT 100 20X 16V
 C127 1-124-499-11 ■ ELECT 1 20X 50V
 C128 1-124-927-11 ■ ELECT 4.7 20X 50V
 C129 1-124-445-00 ■ ELECT 100 20X 16V
 C131 1-162-282-31 ■ CERAMIC 100PF 10X 50V
 C201 1-131-351-00 ■ TANTALUM 4.7 10X 25V
 C202 1-131-351-00 ■ TANTALUM 4.7 10X 25V
 C203 1-124-927-11 ■ ELECT 4.7 20X 50V
 C204 1-161-379-00 ■ CERAMIC 0.01 30X 16V
 C303 1-161-379-00 ■ CERAMIC 0.01 30X 16V
 C304 1-162-288-31 ■ CERAMIC 330PF 10X 50V
 C402 1-161-379-00 ■ CERAMIC 0.01 30X 16V
 C403 1-102-116-00 ■ CERAMIC 680PF 10X 50V

CM108 1-506-747-21 o PIN, CIN(DIP) 64P

CP201 1-464-805-11 ■ OSCILLATION UNIT, BIAS

D101 8-719-101-97 ■ 15897-1
 D102 8-719-101-97 ■ 15897-1
 D103 8-719-901-33 ■ 158133
 D104 8-719-901-33 ■ 158133
 D105 8-719-901-33 ■ 158133

Ref No. Parts No. SP Description

D106 8-719-109-88 ■ RD5.68S-B1
 D107 8-719-901-33 ■ 158133
 D201 8-719-901-33 ■ 158133
 D202 8-719-901-33 ■ 158133
 D402 8-719-901-33 ■ 158133

D403 8-719-901-33 ■ 158133

IC101 8-759-981-57 ■ RC2043D-D(RAYTHEON)
 IC102 8-752-006-00 ■ CX20060(SONY)
 IC103 8-752-006-00 ■ CX20060(SONY)
 IC104 8-759-981-64 ■ LM2903D(RAYTHEON)
 15)IC105 8-759-240-53 ■ TC4053BP(TOSHIBA)
 16)IC105 8-759-040-53 ■ MC14053BCP(MOTOROLA)
 IC106 8-759-982-02 ■ RC4562D-D(RAYTHEON)
 15)IC107 8-759-240-53 ■ TC4053BP(TOSHIBA)
 16)IC107 8-759-040-53 ■ MC14053BCP(MOTOROLA)
 IC201 8-759-982-25 ■ RC78L09A(RAYTHEON)

IC301 8-759-240-69 ■ TC4069UBP(TOSHIBA)
 15)IC302 8-759-240-24 ■ TC4024BP(TOSHIBA)
 16)IC302 8-759-000-35 ■ MC14024BCP(MOTOROLA)
 13)IC401 8-759-944-64 ■ MB88325-179M(POLITECH)
 14)IC401 8-759-987-10 ■ MB88325-201M(POLITECH)
 IC402 8-759-240-69 ■ TC4069UBP(TOSHIBA)
 IC403 8-759-240-69 ■ TC4069UBP(TOSHIBA)
 13)IC404 8-759-000-99 ■ MC74HC74N(TOSHIBA)
 14)IC404 8-759-916-29 ■ SN74HC74N(TTL)

L201 1-408-596-41 ■ MICRO 2.7

Q102 8-729-178-54 ■ 2SC2785
 Q103 8-729-178-54 ■ 2SC2785
 Q104 8-729-201-05 ■ 2SC2878-B
 Q105 8-729-178-54 ■ 2SC2785
 Q106 8-729-178-54 ■ 2SC2785

Q107 8-729-178-54 ■ 2SC2785
 Q108 8-729-900-89 ■ DTC144ES
 Q109 8-729-900-89 ■ DTC144ES
 Q110 8-729-201-05 ■ 2SC2878-B
 Q111 8-729-178-54 ■ 2SC2785

Q115 8-729-117-54 ■ 2SA1175
 Q116 8-729-178-54 ■ 2SC2785
 Q201 8-729-201-05 ■ 2SC2878-B
 Q202 8-729-117-54 ■ 2SA1175
 Q401 8-729-900-89 ■ DTC144ES

Q402 8-729-900-89 ■ DTC144ES
 Q403 8-729-900-89 ■ DTC144ES
 Q404 8-729-900-89 ■ DTC144ES
 Q405 8-729-900-89 ■ DTC144ES
 Q406 8-729-900-89 ■ DTC144ES

Q407 8-729-900-89 ■ DTC144ES
 Q408 8-729-900-89 ■ DTC144ES
 Q409 8-729-900-89 ■ DTC144ES
 Q410 8-729-900-89 ■ DTC144ES
 Q411 8-729-900-89 ■ DTC144ES

Q412 8-729-900-89 ■ DTC144ES
 Q413 8-729-900-89 ■ DTC144ES
 Q414 8-729-900-89 ■ DTC144ES
 Q415 8-729-900-89 ■ DTC144ES
 Q416 8-729-178-54 ■ 2SC2785

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

Q417 8-729-900-89 s DTC144ES
 Q418 8-729-900-89 s DTC144ES
 Q420 8-729-900-89 s DTC144ES
 Q421 8-729-900-89 s DTC144ES
 Q422 8-729-900-89 s DTC144ES

Q423 8-729-900-89 s DTC144ES
 Q424 8-729-900-89 s DTC144ES
 Q425 8-729-900-89 s DTC144ES
 Q426 8-729-900-89 s DTC144ES
 Q427 8-729-900-74 s DTC143TS

R120 1-247-849-00 s CARBON 5.6k 5X 1/6W

RV101 1-228-996-00 s VAR, CARBON 47k
 RV102 1-228-994-00 s VAR, CARBON 10k

X301 1-567-875-11 s VIBRATOR, CERAMIC 2.27MHz
 X401 1-567-143-00 s OSCILLATOR, CERAMIC 6MHz

S/N UP TO 13680 (EK)CC-31 BOARD

1-622-255-11 o PRINTED CIRCUIT BOARD, CC-31

R1 1-247-705-11 s CARBON 270 5X 1/4W
 R2 1-247-717-11 s CARBON 2.2K 5X 1/4W
 R3 1-247-705-11 s CARBON 270 5X 1/4W
 R4 1-247-717-11 s CARBON 2.2K 5X 1/4W

S/N UP TO 13680 (EK)CC-32 BOARD

1-622-256-11 o PRINTED CIRCUIT BOARD, CC-32

IC1 8-719-940-86 s GP153(SHARP)

S/N UP TO 13680 (EK)CC-33 BOARD

1-622-257-11 o PRINTED CIRCUIT BOARD, CC-33

IC2 8-719-940-86 s GP153(SHARP)

S/N 13681 AND HIGHER (EK)CC-36 BOARD

1-627-572-12 o PRINTED CIRCUIT BOARD, CC-36

R1 1-247-705-11 s CARBON 270 5X 1/4W
 R2 1-247-717-11 s CARBON 2.2K 5X 1/4W
 R3 1-247-705-11 s CARBON 270 5X 1/4W
 R4 1-247-717-11 s CARBON 2.2K 5X 1/4W

Ref No. Parts No. SP Description

IC1 8-719-940-86 s GP153(SHARP)

S/N 13681 AND HIGHER (EK)CC-37 BOARD

1-627-573-12 s PRINTED CIRCUIT BOARD, CC-37

IC2 8-719-940-86 s GP153(SHARP)

CP-109 BOARD

1-622-706-12 s PRINTED CIRCUIT BOARD, CP-109

C1 1-124-236-00 s ELECT 100 20X 10V
 C2 1-124-584-00 s ELECT 47 20X 16V
 C3 1-124-584-00 s ELECT 47 20X 16V
 C4 1-124-584-00 s ELECT 47 20X 16V

Q1 8-729-603-50 s 2SC403BP
 S/N 10081 and Higher
 Q2 8-729-603-50 s 2SC403BP
 S/N 10081 and Higher

S1 1-570-145-11 s SLIDE "75ohm ON/OFF"
 S2 1-570-145-11 s SLIDE "75 ohm ON/OFF"
 S3 1-570-145-11 s SLIDE "SERVO LOCK"
 S4 1-570-145-11 s SLIDE "FRAMING"
 S5 1-570-145-11 s SLIDE "EXT TSC"

DM-55 BOARD

A-6711-827-A s MOUNTED CIRCUIT BOARD, DM-55

1-236-046-11 s FILTER, LOW PASS

C1 1-161-494-00 s CERAMIC 0.022 30X 25V
 C2 1-124-236-00 s ELECT 47 20X 16V
 C3 1-161-379-00 s CERAMIC 0.01 30X 16V
 C4 1-124-236-00 s ELECT 47 20X 16V
 C5 1-161-379-00 s CERAMIC 0.01 30X 16V

C8 1-124-255-00 s ELECT 1 20X 50V
 C11 1-161-494-00 s CERAMIC 0.022 30X 25V
 C16 1-161-494-00 s CERAMIC 0.022 30X 25V
 C25 1-124-236-00 s ELECT 47 20X 16V
 C28 1-161-494-00 s CERAMIC 0.022 30X 25V

C29 1-161-494-00 s CERAMIC 0.022 30X 25V
 C31 1-124-236-00 s ELECT 47 20X 16V
 C32 1-161-494-00 s CERAMIC 0.022 30X 25V
 C33 1-161-494-00 s CERAMIC 0.022 30X 25V
 C35 1-161-494-00 s CERAMIC 0.022 30X 25V

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

C36	1-124-236-00	■ ELECT	47	20X 10V
C39	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C40	1-109-489-11	■ WCA	470PF 1Z 500V	
C43	1-124-584-00	■ ELECT	100 20X 10V	
C45	1-124-584-00	■ ELECT	100 20X 10V	
C46	1-124-584-00	■ ELECT	100 20X 10V	
C47	1-124-584-00	■ ELECT	100 20X 10V	
C51	1-124-584-00	■ ELECT	100 20X 10V	
C52	1-124-584-00	■ ELECT	100 20X 10V	
C54	1-124-584-00	■ ELECT	100 20X 10V	
C57	1-124-584-00	■ ELECT	100 20X 10V	
C59	1-124-584-00	■ ELECT	100 20X 10V	
C62	1-124-236-00	■ ELECT	47 20X 16V	
C63	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C66	1-124-584-00	■ ELECT	100 20X 10V	
C69	1-124-584-00	■ ELECT	100 20X 10V	
C71	1-124-584-00	■ ELECT	100 20X 10V	
C73	1-162-294-31	■ CERAMIC	0.001 10X 50V	
C74	1-161-379-00	■ CERAMIC	0.01 30X 16V	
C75	1-124-462-00	■ ELECT	10 20X 16V	
C76	1-131-349-00	■ TANTALUM	2.2 10X 35V	
C77	1-124-584-00	■ ELECT	100 20X 10V	
C81	1-124-236-00	■ ELECT	47 20X 16V	
C82	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C89	1-124-584-00	■ ELECT	100 20X 10V	
C90	1-124-236-00	■ ELECT	47 20X 16V	
C91	1-124-236-00	■ ELECT	47 20X 16V	
C92	1-124-584-00	■ ELECT	100 20X 10V	
C93	1-124-236-00	■ ELECT	47 20X 16V	
C94	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C95	1-161-494-00	■ CERAMIC	0.022 30X 25V	
7) C96	1-162-730-11	■ CERAMIC	470PF 1Z 50V	
8) C96	1-162-763-11	■ CERAMIC	470PF 5Z 50V	
C101	1-161-494-00	■ CERAMIC	0.022 30X 25V	
7) C102	1-162-710-11	■ CERAMIC	100PF 1Z 50V	
8) C102	1-162-753-11	■ CERAMIC	100PF 5Z 50V	
7) C103	1-162-724-11	■ CERAMIC	390PF 1Z 50V	
8) C103	1-162-760-11	■ CERAMIC	390PF 5Z 50V	
C104	1-161-379-00	■ CERAMIC	0.01 30X 16V	
C106	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C107	1-124-236-00	■ ELECT	47 20X 10V	
C101	1-124-236-00	■ ELECT	47 20X 10V	
C202	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C203	1-161-379-00	■ CERAMIC	0.01 30X 16V	
C205	1-161-379-00	■ CERAMIC	0.01 30X 16V	
C209	1-124-245-00	■ ELECT	4.7 20X 16V	
C210	1-161-379-00	■ CERAMIC	0.01 30X 16V	
C212	1-124-255-00	■ ELECT	1 20X 50V	
C213	1-161-379-00	■ CERAMIC	0.01 30X 16V	
C215	1-124-236-00	■ ELECT	47 20X 16V	
C216	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C217	1-161-494-00	■ CERAMIC	0.022 30X 25V	
13) C218	1-124-236-00	■ ELECT	47 20X 16V	
14) C218	1-124-589-11	■ ELECT	47 20X 16V	
C219	1-124-236-00	■ ELECT	47 20X 16V	
C220	1-124-584-00	■ ELECT	100 20X 10V	
C221	1-124-584-00	■ ELECT	100 20X 10V	
C222	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C232	1-124-236-00	■ ELECT	47 20X 10V	
C253	1-161-494-00	■ CERAMIC	0.022 30X 25V	
13) C301	1-124-236-00	■ ELECT	47 20X 16V	
14) C301	1-124-589-11	■ ELECT	47 20X 16V	
C302	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C303	1-161-379-00	■ CERAMIC	0.01 30X 16V	
C304	1-161-379-00	■ CERAMIC	0.01 30X 16V	

Ref No. Parts No. SP Description

C305	1-161-379-00	■ CERAMIC	0.01 30X 16V	
C307	1-161-379-00	■ CERAMIC	0.01 30X 16V	
C309	1-161-379-00	■ CERAMIC	0.01 30X 16V	
7) C310	1-162-726-11	■ CERAMIC	470PF 1Z 50V	
8) C310	1-162-761-11	■ CERAMIC	470PF 5Z 50V	
C312	1-124-255-00	■ ELECT	1 20X 50V	
C313	1-161-379-00	■ CERAMIC	0.01 30X 16V	
C401	1-124-236-00	■ ELECT	47 20X 16V	
C402	1-124-236-00	■ ELECT	47 20X 16V	
C403	1-124-584-00	■ ELECT	100 20X 10V	
C404	1-124-236-00	■ ELECT	47 20X 16V	
C405	1-124-236-00	■ ELECT	47 20X 16V	
C406	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C407	1-124-584-00	■ ELECT	100 20X 10V	
C408	1-124-584-00	■ ELECT	100 20X 10V	
C410	1-161-494-00	■ CERAMIC	0.022 30X 25V	
11) C411	1-124-236-00	■ ELECT	47 20X 10V	
12) C411	1-124-589-11	■ ELECT	47 20X 10V	
C412	1-124-236-00	■ ELECT	47 20X 16V	
C413	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C414	1-124-236-00	■ ELECT	47 20X 16V	
C417	1-124-236-00	■ ELECT	47 20X 16V	
C418	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C422	1-124-236-00	■ ELECT	47 20X 16V	
C423	1-124-236-00	■ ELECT	47 20X 16V	
C424	1-131-341-00	■ TANTALUM	0.1 10X 35V	
7) C425	1-162-726-11	■ CERAMIC	470PF 1Z 50V	
8) C425	1-162-761-11	■ CERAMIC	470PF 5Z 50V	
C435	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C502	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C506	1-124-584-00	■ ELECT	100 20X 10V	
C511	1-124-255-00	■ ELECT	1 20X 50V	
C512	1-124-236-00	■ ELECT	47 20X 16V	
C513	1-124-257-00	■ ELECT	2.2 20X 50V	
C520	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C521	1-124-462-00	■ ELECT	10 20X 10V	
C522	1-124-255-00	■ ELECT	1 20X 50V	
C523	1-124-257-00	■ ELECT	2.2 20X 50V	
C524	1-124-236-00	■ ELECT	47 20X 16V	
C525	1-124-236-00	■ ELECT	47 20X 16V	
C526	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C527	1-124-255-00	■ ELECT	1 20X 50V	
C529	1-124-462-00	■ ELECT	10 20X 16V	
11) C530	1-124-462-00	■ ELECT	10 20X 10V	
12) C530	1-126-157-11	■ ELECT	10 20X 10V	
C531	1-124-255-00	■ ELECT	1 20X 50V	
C532	1-124-255-00	■ ELECT	1 20X 50V	
C534	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C535	1-124-462-00	■ ELECT	10 20X 16V	
C537	1-131-353-00	■ TANTALUM	10 10X 35V	
C538	1-124-462-00	■ ELECT	10 20X 16V	
C541	1-131-344-00	■ TANTALUM	0.33 10X 35V	
C543	1-124-236-00	■ ELECT	47 20X 16V	
C544	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C547	1-131-353-00	■ TANTALUM	10 10X 35V	
C548	1-124-236-00	■ ELECT	47 20X 16V	
C549	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C550	1-161-379-00	■ CERAMIC	0.01 30X 16V	
C552	1-161-379-00	■ CERAMIC	0.01 30X 16V	
C553	1-161-379-00	■ CERAMIC	0.01 30X 16V	
C554	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C557	1-161-494-00	■ CERAMIC	0.022 30X 25V	
C558	1-161-494-00	■ CERAMIC	0.022 30X 25V	

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No.	Parts No.	SP	Description	Ref No.	Parts No.	SP	Description
C561	1-124-236-00	■	ELECT 47 20X 16V	7) C829	1-162-720-11	■	CERAMIC 270PF 1Z 50V
C562	1-161-494-00	■	CERAMIC 0.022 30X 25V	8) C829	1-162-758-11	■	CERAMIC 270PF 5Z 50V
C565	1-124-236-00	■	ELECT 47 20X 16V	C831	1-124-234-00	■	ELECT 22 20X 10V
C566	1-124-255-00	■	ELECT 1 20X 50V	C841	1-124-236-00	■	ELECT 47 20X 16V
C567	1-161-494-00	■	CERAMIC 0.022 30X 25V	C842	1-161-494-00	■	CERAMIC 0.022 30X 25V
C568	1-161-494-00	■	CERAMIC 0.022 30X 25V	C844	1-124-257-00	■	ELECT 2.2 20X 50V
C570	1-124-235-00	■	ELECT 1 20X 50V	C852	1-124-255-00	■	ELECT 1 20X 50V
C571	1-161-494-00	■	CERAMIC 0.022 30X 25V	C853	1-124-255-00	■	ELECT 1 20X 50V
C573	1-124-462-00	■	ELECT 10 20X 16V	C854	1-124-255-00	■	ELECT 1 20X 50V
C574	1-101-886-00	■	CERAMIC 62PF 5Z 50V	7) C855	1-162-728-11	■	CERAMIC 560PF 1Z 50V
C575	1-124-236-00	■	ELECT 47 20X 16V	8) C855	1-162-762-11	■	CERAMIC 560PF 5Z 50V
C576	1-161-494-00	■	CERAMIC 0.022 30X 25V	C858	1-124-236-00	■	ELECT 47 20X 16V
C579	1-131-344-00	■	TANTALUM 0.33 10X 35V	C861	1-124-255-00	■	ELECT 1 20X 50V
C582	1-161-494-00	■	CERAMIC 0.022 30X 25V	C863	1-124-236-00	■	ELECT 47 20X 10V
C583	1-161-173-91	■	CERAMIC 0.001 5Z 25V	C866	1-161-494-00	■	CERAMIC 0.022 30X 25V
C585	1-131-343-00	■	TANTALUM 0.22 10X 35V	2) C867	1-102-108-00	■	CERAMIC 150PF 10X 50V
C587	1-161-494-00	■	CERAMIC 0.022 30X 25V	C869	1-124-236-00	■	ELECT 47 20X 16V
C588	1-124-236-00	■	ELECT 47 20X 16V	C870	1-161-494-00	■	CERAMIC 0.022 30X 25V
C589	1-131-361-00	■	TANTALUM 2.2 10X 20V	C871	1-161-379-00	■	CERAMIC 0.01 30X 16V
C591	1-124-236-00	■	ELECT 47 20X 16V	C872	1-124-462-00	■	ELECT 10 20X 16V
C592	1-161-494-00	■	CERAMIC 0.022 30X 25V	C880	1-162-294-31	■	CERAMIC 0.001 10X 50V
C595	1-124-236-00	■	ELECT 47 20X 16V	C881	1-162-294-31	■	CERAMIC 0.001 30X 50V
C596	1-161-494-00	■	CERAMIC 0.022 30X 25V	C882	1-124-236-00	■	ELECT 47 20X 16V
C597	1-131-362-91	■	TANTALUM 3.3 10X 20V	C883	1-124-236-00	■	ELECT 47 20X 16V
C598	1-131-379-00	■	TANTALUM 22 10X 10V	C886	1-124-255-00	■	ELECT 1 20X 50V
C599	1-131-362-91	■	TANTALUM 3.3 10X 20V	C890	1-161-494-00	■	CERAMIC 0.022 30X 25V
C600	1-131-379-00	■	TANTALUM 22 10X 10V	CN103	1-506-747-21	○	FIN, DIN (DIP) 64P
C617	1-161-494-00	■	CERAMIC 0.022 30X 25V	CN104	1-506-747-21	○	FIN, DIN (DIP) 64P
C618	1-124-236-00	■	ELECT 47 20X 16V	CV1	1-141-227-00	■	CAP, CERAMIC TRIMMER
C619	1-161-494-00	■	CERAMIC 0.022 30X 25V	CV2	1-141-227-00	■	CAP, CERAMIC TRIMMER
C620	1-124-462-00	■	ELECT 10 20X 16V	D1	8-719-911-19	■	188119
C622	1-124-236-00	■	ELECT 47 20X 16V	D2	8-719-911-19	■	188119
C623	1-161-379-00	■	CERAMIC 0.01 30X 16V	D3	8-719-911-19	■	188119
C625	1-124-462-00	■	ELECT 10 20X 16V	D101	8-719-911-19	■	188119
C626	1-124-462-00	■	ELECT 10 20X 16V	D102	8-719-911-19	■	188119
C628	1-124-462-00	■	ELECT 10 20X 16V	D103	8-719-911-19	■	188119
C629	1-161-379-00	■	CERAMIC 0.01 30X 16V	D251	8-719-911-19	■	188119
C630	1-161-379-00	■	CERAMIC 0.01 30X 16V	D252	8-719-911-19	■	188119
C631	1-161-379-00	■	CERAMIC 0.01 30X 16V	D301	8-719-911-19	■	188119
C632	1-161-379-00	■	CERAMIC 0.01 30X 16V	D302	8-719-911-19	■	188119
C634	1-161-494-00	■	CERAMIC 0.022 30X 25V	D303	8-719-911-19	■	188119
13) C635	1-124-236-00	■	ELECT 47 20X 16V	D305	8-719-104-10	■	188999
14) C635	1-124-589-11	■	ELECT 47 20X 16V	D306	8-719-911-19	■	188119
C636	1-161-494-00	■	CERAMIC 0.022 30X 25V	D401	8-719-911-19	■	188119
C601	1-161-494-00	■	CERAMIC 0.022 30X 25V	D402	8-719-911-19	■	188119
C604	1-161-494-00	■	CERAMIC 0.022 30X 25V	D403	8-719-110-13	■	RD9.1ES-82
C605	1-162-733-11	■	CERAMIC 910PF 1Z 50V	D404	8-719-911-19	■	188119
7) C811	1-162-718-11	■	CERAMIC 220PF 1Z 50V	D501	8-719-911-19	■	188119
8) C811	1-162-757-11	■	CERAMIC 220PF 5Z 50V	D502	8-719-911-19	■	188119
C813	1-124-584-00	■	ELECT 100 20X 10V	D505	8-719-911-19	■	188119
C814	1-161-494-00	■	CERAMIC 0.022 30X 25V	D506	8-719-911-19	■	188119
C816	1-161-494-00	■	CERAMIC 0.022 30X 25V	D513	8-719-911-19	■	188119
C817	1-124-236-00	■	ELECT 47 20X 16V	D514	8-719-104-10	■	188999
C819	1-161-494-00	■	CERAMIC 0.022 30X 25V	D515	8-719-104-10	■	188999
C820	1-124-236-00	■	ELECT 47 20X 16V	D516	8-719-104-10	■	188999
C821	1-124-462-00	■	ELECT 10 20X 16V				
C822	1-161-379-00	■	CERAMIC 0.01 30X 16V				
7) C823	1-162-724-11	■	CERAMIC 390PF 1Z 50V				
8) C823	1-162-760-11	■	CERAMIC 390PF 5Z 50V				
C824	1-124-462-00	■	ELECT 10 20X 10V				
C825	1-124-236-00	■	ELECT 47 20X 16V				
C826	1-124-462-00	■	ELECT 10 20X 10V				
C827	1-124-462-00	■	ELECT 10 20X 10V				
C828	1-124-462-00	■	ELECT 10 20X 10V				

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Ref No. Parts No. SP Description

D517 8-719-104-10 a 18899
 D519 8-719-911-19 a 188119
 D801 8-719-911-19 a 188119
 D802 8-719-815-59 a 181555-8
 D803 8-719-815-59 a 181555-8

D804 8-719-911-19 a 188119
 D805 8-719-911-19 a 188119
 D806 8-719-911-19 a 188119
 D810 8-719-911-19 a 188119
 D811 8-719-101-97 a 18897-1

D812 8-719-101-97 a 18897-1
 D813 8-719-104-10 a 18899
 D814 8-719-101-97 a 18897-1
 D815 8-719-101-97 a 18897-1
 D816 8-719-911-19 a 188119

DL1 1-415-154-00 a 35na
 DL2 1-415-154-00 a 35na
 DL802 1-415-471-11 a 300na

FL1 1-235-478-11 a HIGH PASS
 FL3 1-235-469-11 a LOW PASS
 FL4 1-235-475-11 a LOW PASS
 FL201 1-235-469-11 a LOW PASS
 FL501 1-235-473-11 a LOW PASS

FL503 1-236-029-12 a BAND PASS
 FL504 1-231-377-21 a BAND PASS
 FL801 1-235-010-21 a HIGH PASS (HPP-DM)
 FL802 1-235-011-21 a LOW PASS (LPP-CD)
 FL803 1-235-470-11 a LOW PASS

IC1 8-751-340-10 a CX-134A (SONY)
 IC2 8-752-006-00 a CX20060 (SONY)
 IC3 8-741-114-00 a BX1140 (SONY)
 IC4 8-751-350-10 a CX-135 (SONY)

15)IC5 8-759-240-53 a TC4053BP (TOSHIBA)

16)IC6 8-759-040-53 a MC14053BCP(MOTOROLA)
 IC6 8-749-938-90 a BX389 (SONY)
 IC7 8-741-124-90 a BX1249 (SONY)
 IC8 8-741-124-90 a BX1249 (SONY)
 IC9 8-759-945-58 a RC4558D (RAYTHEON)

IC10 8-752-006-00 a CX20060 (SONY)
 IC12 8-749-900-93 a BX-1471 (SONY)
 IC201 8-759-207-38 a TA7374P (TOSHIBA)
 IC202 8-752-321-89 a CX15003P
 IC203 8-759-982-25 a RC78109A(RAYTHEON)

IC204 8-749-938-90 a BX389 (SONY)
 IC251 8-741-124-80 a BX1248 (SONY)
 IC301 8-759-200-60 a TA7060AP (TOSHIBA)
 IC302 8-752-006-00 a CX20060 (SONY)
 IC303 8-749-900-58 a BX-1447L (SONY)

IC304 8-749-900-59 a BX-1448L (SONY)
 IC401 8-743-880-00 a BX388 (SONY)
 IC402 8-752-006-00 a CX20060 (SONY)

15)IC403 8-759-240-53 a TC4053BP (TOSHIBA)

16)IC403 8-759-040-53 a MC14053BCP(MOTOROLA)
 IC404 8-749-900-63 a BX365AL (ROHM)
 IC405 8-749-901-09 a BX366AL (ROHM)
 IC406 8-749-900-63 a BX365AL (ROHM)
 IC407 8-749-901-09 a BX366AL (ROHM)

IC408 8-759-201-47 a TA7357AP (TOSHIBA)
 IC502 8-752-006-00 a CX20060 (SONY)
 IC503 8-749-938-90 a BX389 (SONY)
 IC504 8-752-006-00 a CX20060 (SONY)
 IC505 8-741-125-80 a BX1258 (SONY)

Ref No. Parts No. SP Description

IC506 8-741-125-00 a BX1250 (SONY)
 IC507 8-741-125-21 a BX1252A (SONY)
 IC508 8-741-126-40 a BX1264 (SONY)
 IC509 8-752-006-00 a CX20060 (SONY)
 IC510 8-759-014-96 a MC1496P (MOTOROLA)

IC511 8-759-908-59 a CX-859 (SONY)
 IC512 8-750-000-46 a CX-872TEST (SONY)
 IC513 8-752-004-00 a CX20060 (SONY)
 15)IC515 8-759-345-38 a ED14538BP (HITACHI)
 16)IC515 8-759-045-38 a MC14538BCP(MOTOROLA)

IC516 8-749-900-87 a BX-1470L (SONY)
 IC517 8-759-922-61 a SR16913P-A (TI)
 IC518 8-759-200-60 a TA7060AP (TOSHIBA)
 IC801 8-749-938-90 a BX389 (SONY)
 IC802 8-752-006-00 a CX20060 (SONY)

IC803 8-752-006-00 a CX20060 (SONY)
 IC804 8-752-006-00 a CX20060 (SONY)
 IC805 8-759-969-13 a SR16913P (TI)
 IC806 8-759-200-60 a TA7060AP (TOSHIBA)

L1 1-410-482-31 a MICRO 100
 L2 1-410-087-31 a MICRO 100m
 L3 1-410-471-11 a MICRO 12
 L4 1-410-471-11 a MICRO 12
 L5 1-410-087-31 a MICRO 100m

L7 1-410-473-11 a MICRO 18
 L8 1-410-477-21 a MICRO 39
 L9 1-410-092-31 a MICRO 27m
 L15 1-410-482-31 a MICRO 100
 L16 1-410-482-31 a MICRO 100

L17 1-410-482-31 a MICRO 100
 L18 1-410-470-11 a MICRO 10
 L19 1-410-468-11 a MICRO 6.8
 L22 1-410-482-31 a MICRO 100
 L24 1-410-482-31 a MICRO 100

L26 1-410-087-31 a MICRO 100m
 L28 1-410-482-31 a MICRO 100
 L201 1-410-482-31 a MICRO 100
 L202 1-410-482-31 a MICRO 100

L252 1-410-482-31 a MICRO 100
 L301 1-410-482-31 a MICRO 100
 L401 1-410-482-31 a MICRO 100
 L402 1-410-482-31 a MICRO 100
 L403 1-410-482-31 a MICRO 100

L404 1-410-482-31 a MICRO 100
 L501 1-410-482-31 a MICRO 100
 L502 1-410-482-31 a MICRO 100
 L506 1-410-482-31 a MICRO 100
 L507 1-410-482-31 a MICRO 100

L508 1-410-482-31 a MICRO 100
 L509 1-410-482-31 a MICRO 100
 L510 1-410-476-11 a MICRO 33
 L511 1-410-478-11 a MICRO 47
 L512 1-410-482-31 a MICRO 100

L514 1-410-482-31 a MICRO 100
 L515 1-410-489-11 a MICRO 390
 L516 1-410-482-31 a MICRO 100
 L517 1-410-482-31 a MICRO 100
 L518 1-410-482-31 a MICRO 100

L521 1-410-482-31 a MICRO 100
 L801 1-410-476-11 a MICRO 33
 L802 1-410-478-11 a MICRO 47
 L803 1-410-468-11 a MICRO 6.8
 L804 1-410-470-11 a MICRO 10

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No.	Parts No.	SP	Description
L805	1-410-473-11	■	MICRO 18
L806	1-410-482-31	■	MICRO 100
L807	1-410-482-31	■	MICRO 100
L810	1-410-487-21	■	MICRO 270
L811	1-410-087-31	■	MICRO 10mH
L841	1-410-482-31	■	MICRO 100
L842	1-410-119-11	■	MICRO 1mH
L846	1-410-482-31	■	MICRO 100
L848	1-410-473-11	■	MICRO 18
L850	1-410-471-11	■	MICRO 12
L851	1-410-476-11	■	MICRO 33
LV1	1-407-572-00	■	VAR 33
LV301	1-407-565-00	■	VAR 2.2
LV501	1-407-268-00	■	MICRO 1.5mH
Q1	8-729-603-50	■	2SC4035P
Q2	8-729-603-50	■	2SC4035P
Q3	8-729-603-50	■	2SC4035P
Q4	8-729-611-53	■	2SA1115-F
Q5	8-729-900-89	■	DTIC144ES
Q6	8-729-201-05	■	2SC2878-B
Q7	8-729-603-50	■	2SC4035P
Q8	8-729-603-50	■	2SC4035P
Q9	8-729-603-50	■	2SC4035P
Q10	8-729-900-89	■	DTIC144ES
Q11	8-729-119-78	■	2SC2878-B
Q12	8-729-119-78	■	2SC2878-B
Q13	8-729-603-50	■	2SC4035P
Q14	8-729-603-50	■	2SC4035P
Q15	8-729-900-89	■	DTIC144ES
Q16	8-729-119-78	■	2SC2878-B
Q17	8-729-603-50	■	2SC4035P
Q18	8-729-611-53	■	2SA1115-F
Q19	8-729-603-50	■	2SC4035P
Q20	8-729-603-50	■	2SC4035P
Q21	8-729-201-05	■	2SC2878-B
Q22	8-729-603-50	■	2SC4035P
Q23	8-729-603-50	■	2SC4035P
Q24	8-729-603-50	■	2SC4035P
Q25	8-729-105-72	■	2SK523-L1
Q26	8-729-201-05	■	2SC2878-B
Q27	8-729-201-05	■	2SC2878-B
Q28	8-729-603-50	■	2SC4035P
Q29	8-729-611-53	■	2SA1115-F
Q30	8-729-603-50	■	2SC4035P
Q31	8-729-603-50	■	2SC4035P
Q32	8-729-603-50	■	2SC4035P
Q33	8-729-603-50	■	2SC4035P
Q34	8-729-603-50	■	2SC4035P
Q35	8-729-603-50	■	2SC4035P
Q36	8-729-603-50	■	2SC4035P
Q37	8-729-201-05	■	2SC2878-B
Q38	8-729-603-50	■	2SC4035P
Q39	8-729-603-50	■	2SC4035P
Q40	8-729-900-89	■	DTIC144ES
Q101	8-729-603-50	■	2SC4035P
Q102	8-729-900-89	■	DTIC144ES
Q103	8-729-201-05	■	2SC2878-B
Q104	8-729-603-50	■	2SC4035P
Q105	8-729-603-50	■	2SC4035P

Ref No.	Parts No.	SP	Description
Q201	8-729-603-50	■	2SC4035P
Q202	8-729-611-53	■	2SA1115-F
Q301	8-729-119-78	■	2SC2878-B
Q302	8-729-201-05	■	2SC2878-B
Q303	8-729-900-89	■	DTIC144ES
Q304	8-729-119-78	■	2SC2878-B
Q305	8-729-119-78	■	2SC2878-B
Q306	8-729-119-78	■	2SC2878-B
Q307	8-729-119-78	■	2SC2878-B
Q308	8-729-900-89	■	DTIC144ES
Q309	8-729-119-78	■	2SC2878-B
Q310	8-729-119-78	■	2SC2878-B
Q311	8-729-900-89	■	DTIC144ES
Q401	8-729-900-89	■	DTIC144ES
Q402	8-729-603-50	■	2SC4035P
Q403	8-729-201-05	■	2SC2878-B
Q404	8-729-201-05	■	2SC2878-B
Q405	8-729-603-50	■	2SC4035P
Q406	8-729-275-42	■	2SC2754-Y
Q407	8-729-275-42	■	2SC2754-Y
Q408	8-729-900-89	■	DTIC144ES
Q409	8-729-611-53	■	2SA1115-F
Q410	8-729-611-53	■	2SA1115-F
Q411	8-729-611-53	■	2SA1115-F
Q412	8-729-611-53	■	2SA1115-F
13)Q413	8-729-900-89	■	DTIC144ES
14)Q413	8-729-281-52	■	2SC1815
Q501	8-729-119-78	■	2SC2878-B
Q506	8-729-603-50	■	2SC4035P
Q507	8-729-201-05	■	2SC2878-B
Q508	8-729-603-50	■	2SC4035P
Q509	8-729-603-50	■	2SC4035P
Q510	8-729-611-53	■	2SA1115-F
Q511	8-729-119-78	■	2SC2878-B
Q512	8-729-900-89	■	DTIC144ES
Q513	8-729-900-89	■	DTIC144ES
Q514	8-729-900-89	■	DTIC144ES
Q520	8-729-603-50	■	2SC4035P
Q521	8-729-900-89	■	DTIC144ES
Q522	8-729-603-50	■	2SC4035P
Q523	8-729-900-89	■	DTIC144ES
Q524	8-729-603-50	■	2SC4035P
Q525	8-729-119-78	■	2SC2878-B
Q526	8-729-119-78	■	2SC2878-B
Q527	8-729-611-53	■	2SA1115-F
Q528	8-729-201-05	■	2SC2878-B
Q529	8-729-201-05	■	2SC2878-B
Q530	8-729-201-05	■	2SC2878-B
Q532	8-729-900-89	■	DTIC144ES
Q544	8-729-201-05	■	2SC2878-B
Q545	8-729-603-50	■	2SC4035P
Q546	8-729-603-50	■	2SC4035P
Q547	8-729-603-50	■	2SC4035P
Q548	8-729-603-50	■	2SC4035P
14)Q555	8-729-900-36	■	DTIC124ES
Q801	8-729-603-50	■	2SC4035P
Q802	8-729-603-50	■	2SC4035P
Q803	8-729-603-50	■	2SC4035P
Q804	8-729-603-50	■	2SC4035P
Q805	8-729-603-50	■	2SC4035P
Q806	8-729-201-05	■	2SC2878-B
Q807	8-729-603-50	■	2SC4035P
Q808	8-729-603-50	■	2SC4035P

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Ref No. Parts No. SP Description

Q809 8-729-603-50 # 28CA03SP
 Q810 8-729-603-50 # 28CA03SP
 Q811 8-729-119-78 # 28C2785-RFE
 Q812 8-729-603-50 # 28CA03SP
 Q820 8-729-603-50 # 28CA03SP

Q821 8-729-603-50 # 28CA03SP
 Q822 8-729-603-50 # 28CA03SP
 Q823 8-729-611-53 # 28A1115-F
 Q824 8-729-603-50 # 28CA03SP
 Q825 8-729-603-50 # 28CA03SP

11)Q826 8-729-603-50 # 28CA03SP
 12)Q826 8-729-119-78 # 28C2785-RFE
 Q827 8-729-201-05 # 28C2878-B
 Q828 8-729-603-50 # 28CA03SP
 13)Q830 8-729-901-41 # 28C1740S-R

12)Q830 8-729-119-78 # 28C2785-RFE
 Q831 8-729-119-78 # 28C2785-RFE
 Q832 8-729-603-50 # 28CA03SP
 Q833 8-729-603-50 # 28CA03SP
 Q836 8-729-603-50 # 28CA03SP

Q837 8-729-603-50 # 28CA03SP
 Q838 8-729-603-50 # 28CA03SP
 Q839 8-729-900-89 # DTCL44ES
 Q842 8-729-603-50 # 28CA03SP
 Q843 8-729-603-50 # 28CA03SP

R97 1-247-887-00 # CARBON 220k 5% 1/4W
 R129 1-215-390-91 # METAL 51 1% 1/6W
 R406 1-247-849-00 # CARBON 5.6k 5% 1/4W
 R445 1-247-883-00 # CARBON 150k 5% 1/4W
 R446 1-247-895-00 # CARBON 470k 5% 1/4W

R565 1-247-849-00 # CARBON 5.6k 5% 1/4W
 R613 1-247-895-00 # CARBON 470k 5% 1/4W
 R623 1-247-885-00 # CARBON 150k 5% 1/4W
 R625 1-247-849-00 # CARBON 5.6k 5% 1/4W
 R699 1-247-849-00 # CARBON 5.6k 5% 1/4W

R704 1-215-390-91 # METAL 51 1% 1/6W
 R800 1-247-903-00 # CARBON 1k 5% 1/4W
 R895 1-215-390-91 # METAL 51 1% 1/6W
 R835 1-215-390-91 # METAL 51 1% 1/6W

RV1 1-228-990-00 # VAR. CARBON 1k
 RV2 1-228-990-00 # VAR. CARBON 1k
 RV3 1-228-990-00 # VAR. CARBON 1k
 RV4 1-228-991-00 # VAR. CARBON 2.2k
 RV5 1-228-991-00 # VAR. CARBON 2.2k

RV8 1-228-995-00 # VAR. CARBON 22k
 RV9 1-228-991-00 # VAR. CARBON 2.2k
 RV10 1-228-991-00 # VAR. CARBON 2.2k
 RV11 1-228-991-00 # VAR. METAL GLAZE 2.2k
 RV12 1-228-991-00 # VAR. CARBON 2.2k

RV13 1-228-995-00 # VAR. CARBON 22k
 RV15 1-228-990-00 # VAR. CARBON 1k
 RV16 1-228-991-00 # VAR. METAL GLAZE 2.2k
 RV17 1-228-991-00 # VAR. CARBON 2.2k
 RV201 1-228-989-00 # VAR. CARBON 470

RV251 1-228-993-00 # VAR. CARBON 4.7k
 RV301 1-228-994-00 # VAR. CARBON 10k
 RV401 1-228-991-00 # VAR. CARBON 2.2k
 RV402 1-228-990-00 # VAR. METAL GLAZE 1k
 RV403 1-228-993-00 # VAR. CARBON 4.7k

Ref No. Parts No. SP Description

RV301 1-228-991-00 # VAR. CARBON 2.2k
 RV303 1-228-991-00 # VAR. CARBON 2.2k
 RV504 1-228-989-00 # VAR. CARBON 470
 RV505 1-228-993-00 # VAR. METAL GLAZE 4.7k
 RV506 1-228-995-00 # VAR. CARBON 22k

RV507 1-228-994-00 # VAR. CARBON 10k
 RV508 1-228-994-00 # VAR. CARBON 10k
 RV509 1-228-995-00 # VAR. CARBON 22k
 RV510 1-228-994-00 # VAR. CARBON 10k
 RV511 1-228-995-00 # VAR. CARBON 22k

RV513 1-228-991-00 # VAR. CARBON 2.2k
 RV514 1-228-991-00 # VAR. CARBON 2.2k
 RV516 1-228-990-00 # VAR. CARBON 1k
 RV517 1-228-990-00 # VAR. CARBON 1k
 RV518 1-228-993-00 # VAR. METAL GLAZE 4.7k

RV519 1-228-995-00 # VAR. CARBON 22k
 RV521 1-228-991-00 # VAR. CARBON 2.2k
 RV522 1-228-993-00 # VAR. METAL GLAZE 4.7k
 RV523 1-228-991-00 # VAR. CARBON 2.2k
 RV801 1-228-993-00 # VAR. METAL GLAZE 4.7k

RV802 1-228-990-00 # VAR. CARBON 1k
 RV803 1-228-990-00 # VAR. CARBON 1k
 RV804 1-228-994-00 # VAR. CARBON 10k
 RV805 1-228-995-00 # VAR. CARBON 22k
 RV806 1-228-991-00 # VAR. CARBON 2.2k

RV807 1-228-997-00 # VAR. CARBON 100k
 RV808 1-228-996-00 # VAR. CARBON 47k
 RV809 1-228-990-00 # VAR. CARBON 1k
 RV810 1-228-991-00 # VAR. CARBON 2.2k
 RV811 1-228-990-00 # VAR. CARBON 1k

S301 1-552-509-00 # DIP
 S302 1-552-509-00 # DIP

T501 1-425-880-21 # TRANSFORMER, BURST AMP

TH1 1-800-200-00 # THERMISTOR S-3K
 TH2 1-800-200-00 # THERMISTOR S-3K
 TH3 1-800-202-XX # THERMISTOR S-10K

X501 1-567-504-11 # CRYSTAL, OSC 4.433619MHz

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

DR-53 BOARD

This board includes the DR-59 board.

A-5715-367-A o MOUNTED CIRCUIT BOARD, DR-53

C9 1-102-121-00 o CERAMIC 0.0022 10X 50V
 C10 1-102-121-00 o CERAMIC 0.0022 10X 50V
 C11 1-102-121-00 o CERAMIC 0.0022 10X 50V
 C12 1-102-121-00 o CERAMIC 0.0022 10X 50V

CN1 1-566-096-11 o PIN, BOARD TO BOARD 12P
 (DR-53 to DR-59)
 CN806 1-508-900-00 o (N) 2P

D1 8-719-911-55 o D050
 D2 8-719-200-02 o 10R-2
 D3 8-719-200-02 o 10R-2
 D4 8-719-200-02 o 10R-2

AF51 1-532-686-00 o LINK, IC
 PF2 1-532-686-00 o LINK, IC

Q1 8-729-114-11 o 2SA1141
 Q2 8-729-102-57 o 2BC3012
 Q3 8-729-114-11 o 2SA1141
 Q4 8-729-102-57 o 2BC3012
 Q5 8-729-177-43 o 2BD774

Q6 8-729-376-83 o 2SA768-Y
 Q7 8-729-376-83 o 2SA768-Y
 Q8 8-729-177-43 o 2BD774
 Q9 8-729-376-83 o 2SA768-Y
 Q10 8-729-376-83 o 2SA768-Y

Q101 8-729-177-43 o 2SD774
 Q102 8-729-103-43 o 2SB734
 Q103 8-729-177-43 o 2BD774
 Q104 8-729-103-43 o 2SB734

R2 1-217-156-00 o VAR, METAL PLATE 0.22
 R4 1-217-156-00 o VAR, METAL PLATE 0.22
 R5 1-247-887-00 o CARBON 220K 5% 1/6W
 R6 1-207-628-00 o WIREWOUND 1 10X 3W
 R7 1-247-887-00 o CARBON 220K 5% 1/6W

R8 1-207-628-00 o WIREWOUND 1 10X 3W
 R101 1-247-887-00 o CARBON 220K 5% 1/6W
 R102 1-247-741-11 o CARBON 150 5% 1/2W
 R103 1-215-914-11 o WIREWOUND 330 10X 3W
 R104 1-207-628-00 o WIREWOUND 10 10X 3W

R105 1-247-887-00 o CARBON 220K 5% 1/6W
 R106 1-247-741-11 o CARBON 150 5% 1/2W
 R107 1-215-914-11 o WIREWOUND 330 10X 3W
 R108 1-207-628-00 o WIREWOUND 10 10X 3W

RV1 1-228-989-00 o VAR, CARBON 470
 RV2 1-228-989-00 o VAR, CARBON 470

Ref No. Parts No. SP Description

DSC-44 BOARD

A-5717-460-A o MOUNTED CIRCUIT BOARD, DSC-44

C1 1-124-445-00 o ELECT 100 20X 16V
 C2 1-161-494-00 o CERAMIC 0.022 30X 25V
 C3 1-124-445-00 o ELECT 100 20X 16V
 C4 1-161-494-00 o CERAMIC 0.022 30X 25V
 C6 1-123-617-00 o ELECT 10 20X 16V

C7 1-123-617-00 o ELECT 10 20X 16V
 C8 1-161-494-00 o CERAMIC 0.022 30X 25V
 C9 1-123-617-00 o ELECT 10 20X 16V
 C10 1-124-463-00 o ELECT 0.1 20X 50V
 C11 1-162-290-31 o CERAMIC 470PF 10X 50V

C13 1-162-290-31 o CERAMIC 470PF 10X 50V
 C14 1-161-494-00 o CERAMIC 0.022 30X 25V
 C15 1-161-494-00 o CERAMIC 0.022 30X 25V
 C16 1-123-617-00 o ELECT 10 20X 16V
 C21 1-107-163-00 o MICA 47PF 5X 500V

C23 1-161-494-00 o CERAMIC 0.022 30X 25V
 C24 1-161-494-00 o CERAMIC 0.022 30X 25V
 C26 1-102-112-00 o CERAMIC 330PF 10X 50V
 C27 1-102-112-00 o CERAMIC 330PF 10X 50V

CN230 1-506-747-21 o PIN, DIN(DIP) 64P

CV1 1-141-260-00 o TRIMAR, CERAMIC

D1 8-719-144-07 o RD2.4E-B
 D2 8-719-911-19 o 1S8119
 D3 8-719-911-19 o 1S8119

IC1 8-759-102-37 o UPD4052BC(TOSHIBA)
 IC2 8-759-201-47 o TA7357AP(TOSHIBA)
 IC3 8-759-982-25 o IC78L09A(KAYTHRON)
 IC4 8-759-908-23 o M8883D3(FUJITSU)
 IC5 8-759-220-04 o TC40H004P(TOSHIBA)
 IC6 8-759-045-38 o MC14538BCP(MOTOROLA)

Q1 8-729-178-54 o 2SC2785
 Q2 8-729-178-54 o 2SC2785
 Q4 8-729-178-54 o 2SC2785
 Q5 8-729-178-54 o 2SC2785
 Q6 8-729-117-54 o 2SA1175

R34 1-247-883-00 o CARBON 150K 5% 1/6W
 R36 1-247-895-00 o CARBON 470K 5% 1/6W

RV1 1-228-990-00 o VAR, CARBON 47K

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

DUS-71 BOARD

All of the component parts on the DUS-71 board are supplied together when you order AU-83A board.

1-615-169-11 o PRINTED CIRCUIT BOARD, DUS-71

LV102 1-407-307-00 s MICRO 33mH
LV103 1-407-307-00 s MICRO 33mH

DUS-71 BOARD

All of the component parts on the DUS-71 board are supplied together when you order AU-84A board.

1-615-169-11 o PRINTED CIRCUIT BOARD, DUS-71

LV202 1-407-307-00 s MICRO 33mH
LV203 1-407-307-00 s MICRO 33mH

DUS-92 BOARD

1-615-924-11 o PRINTED CIRCUIT BOARD, DUS-92

DUS-147 BOARD

1-622-261-11 o PRINTED CIRCUIT BOARD, DUS-147

DUS-177 BOARD

1-622-715-11 o PRINTED CIRCUIT BOARD, DUS-177

DUS-178 BOARD

1-622-716-11 o PRINTED CIRCUIT BOARD, DUS-178

EX-127 BOARD

A-6729-494-A s MOUNTED CIRCUIT BOARD, EX-127

CN1 1-506-747-21 o PIN, DIN (DIP) 64P
CN2 1-563-340-21 o HOUSING, (DIP) 64P

Ref No. Parts No. SP Description

EX-128 BOARD

A-6729-495-A s MOUNTED CIRCUIT BOARD, EX-128

CN1 1-506-747-21 o PIN, DIN (DIP) 64P
CN2 1-563-340-21 o HOUSING, (DIP) 64P
CN3 1-506-747-21 o PIN, DIN (DIP) 64P
CN4 1-563-340-21 o HOUSING, (DIP) 64P

HN-80 BOARD

1-622-725-11 o PRINTED CIRCUIT BOARD, HN-80

C1 1-161-379-00 s CERAMIC 0.01 30T 16V
C2 1-161-379-00 s CERAMIC 0.01 30T 16V
C3 1-161-379-00 s CERAMIC 0.01 30T 16V

CN277 1-566-506-11 o PLUG, (PCB-PCB) 20P
CN228 1-566-506-11 o PLUG, (PCB-PCB) 20P
CN631 1-506-813-11 o BOARD IN CONNECTOR, 4P
CN652 1-506-819-11 o BOARD IN CONNECTOR, 10P
CN654 1-506-812-11 o BOARD IN CONNECTOR, 3P

CN655 1-506-814-11 o BOARD IN CONNECTOR, 5P
CN658 1-506-814-11 o BOARD IN CONNECTOR, 5P

D1 8-719-200-02 s 10E-2
D2 8-719-911-19 s 1S8119
D3 8-719-911-19 s 1S8119
D5 8-719-200-02 s 10E-2
D6 8-719-200-02 s 10E-2

IC1 8-759-600-24 s M545431(MITSUBISHI)

PS1 1-532-686-00 s LINK, TC

HN-83 BOARD

1-622-719-11 o PRINTED CIRCUIT BOARD, HN-83

HN-84 BOARD

1-622-726-11 o PRINTED CIRCUIT BOARD, HN-84

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

HP-28 BOARD

1-622-730-11 o PRINTED CIRCUIT BOARD, HP-28

C21 1-161-379-00 n CERAMIC 0.01 30X 16V

S/N UP TO 12080 (EK)**KY-101 BOARD**

This board includes the DP-62 board.

A-6717-459-A o MOUNTED CIRCUIT BOARD, KY-101

B71 1-528-229-11 o BATTERY, LITHIUM (CR-2450)

C2 1-162-210-31 n CERAMIC 30PF 5% 50V

C3 1-162-210-31 n CERAMIC 30PF 5% 50V

C8 1-125-443-11 n DOUBLE LAYERS 0.047F 5.5V

C9 1-124-245-00 n ELECT 4.7 20X 16V

C10 1-161-379-00 n CERAMIC 0.01 30X 16V

C12 1-162-210-31 n CERAMIC 30PF 5% 50V

C13 1-162-210-31 n CERAMIC 30PF 5% 50V

C17 1-124-245-00 n ELECT 4.7 20X 16V

C101 1-131-346-00 n TANTALUM 0.68 10X 35V

C102 1-131-346-00 n TANTALUM 0.68 10X 35V

C103 1-131-346-00 n TANTALUM 0.68 10X 35V

C104 1-131-346-00 n TANTALUM 0.68 10X 35V

C105 1-131-346-00 n TANTALUM 0.68 10X 35V

C106 1-131-346-00 n TANTALUM 0.68 10X 35V

C107 1-131-346-00 n TANTALUM 0.68 10X 35V

C108 1-131-346-00 n TANTALUM 0.68 10X 35V

C109 1-131-346-00 n TANTALUM 0.68 10X 35V

C41 1-506-696-11 o HEADER 10P

C43 1-557-237-11 o WIRE, FLAT TYPE 23P
(KY-101 to DP-62)

D1 8-719-911-19 n 18S119

D2 8-719-911-19 n 18S119

D3 8-719-911-19 n 18S119

D4 8-719-911-19 n 18S119

D5 8-719-911-19 n 18S119

D6 8-719-911-19 n 18S119

D7 8-719-911-19 n 18S119

D8 8-719-911-19 n 18S119

D9 8-719-911-19 n 18S119

D10 8-719-911-19 n 18S119

D11 8-719-911-19 n 18S119

D12 8-719-911-19 n 18S119

D13 8-719-911-19 n 18S119

D14 8-719-911-19 n 18S119

D15 8-719-911-19 n 18S119

Ref No. Parts No. SP Description

D16 8-719-911-19 n 18S119

D17 8-719-911-19 n 18S119

D18 8-719-911-19 n 18S119

D19 8-719-911-19 n 18S119

D20 8-719-911-19 n 18S119

D21 8-719-911-19 n 18S119

D22 8-719-911-19 n 18S119

D23 8-719-911-19 n 18S119

D24 8-719-911-19 n 18S119

D25 8-719-911-19 n 18S119

D26 8-719-911-19 n 18S119

D27 8-719-911-19 n 18S119

D28 8-719-911-19 n 18S119

D29 8-719-904-55 n GL-5HD5

D30 8-719-904-55 n GL-5HD5

D31 8-719-904-55 n GL-5HD5

D32 8-719-904-55 n GL-5HD5

D33 8-719-904-55 n GL-5HD5

D34 8-719-904-55 n GL-5HD5

D35 8-719-904-55 n GL-5HD5

D36 8-719-904-55 n GL-5HD5

D37 8-719-904-55 n GL-5HD5

D38 8-719-904-55 n GL-5HD5

D39 8-719-800-86 n TLG255

D40 8-719-800-86 n TLG255

D41 8-719-904-55 n GL-5HD5

D42 8-719-904-55 n GL-5HD5

D43 8-719-904-55 n GL-5HD5

D44 8-719-904-55 n GL-5HD5

D45 8-719-911-19 n 18S119

D46 8-719-911-19 n 18S119

D48 8-719-200-02 n 10E-2

D49 8-719-911-19 n 18S119

D50 8-719-200-02 n 10E-2

D51 8-719-911-19 n 18S119

D52 8-719-911-19 n 18S119

D53 8-719-802-11 n TLG154

D54 8-719-911-19 n 18S119

D55 8-719-911-19 n 18S119

D201 8-719-942-19 n LB-402VK

D202 8-719-942-19 n LB-402VK

D203 8-719-942-19 n LB-402VK

D204 8-719-942-19 n LB-402VK

101 8-759-605-23 n M50747H-601SP(MITSUBISHI)

102 8-759-645-16 n M54516P(MITSUBISHI)

103 8-759-645-16 n M54516P(MITSUBISHI)

104 8-759-645-16 n M54516P(MITSUBISHI)

105 8-759-600-68 n M54562P(MITSUBISHI)

106 8-759-171-05 n UFG7805H(NEC)

107 8-759-937-29 n MB88201H-539H(FUJITSU)

10101 8-759-600-61 n M54529AP(MITSUBISHI)

10102 8-759-600-61 n M54529AP(MITSUBISHI)

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

S/N 12081 AND HIGHER(EK)

Ref No. Parts No. SF Description

Q1 8-729-900-67 • DTA124XS
 Q2 8-729-900-67 • DTA124XS
 Q3 8-729-900-67 • DTA124XS
 Q4 8-729-900-67 • DTA124XS
 Q5 8-729-275-42 • 28C2754-Y

Q6 8-729-275-42 • 28C2754-Y
 Q8 8-729-117-54 • 28A1175
 Q9 8-729-117-54 • 28A1175
 Q10 8-729-117-54 • 28A1175
 Q11 8-729-117-54 • 28A1175

Q12 8-729-117-54 • 28A1175
 Q13 8-729-117-54 • 28A1175
 Q14 8-729-117-54 • 28A1175
 Q15 8-729-900-89 • DTG1448S
 Q101 8-729-117-54 • 28A1175

Q102 8-729-117-54 • 28A1175
 Q103 8-729-117-54 • 28A1175
 Q104 8-729-117-54 • 28A1175
 Q105 8-729-117-54 • 28A1175
 Q106 8-729-117-54 • 28A1175
 Q107 8-729-117-54 • 28A1175
 Q108 8-729-117-54 • 28A1175
 Q109 8-729-117-54 • 28A1175

S1 1-552-539-00 • KEY BOARD "OUT"
 S2 1-552-539-00 • KEY BOARD "IN"
 S3 1-552-539-00 • KEY BOARD "REVIEW"
 S4 1-552-539-00 • KEY BOARD "AUTO EDIT"
 S5 1-552-539-00 • KEY BOARD "PREVIEW"

S6 1-552-539-00 • KEY BOARD "ASSEMBLY"
 S7 1-552-539-00 • KEY BOARD "VIDEO"
 S8 1-552-539-00 • KEY BOARD "AU CR-1"
 S9 1-552-539-00 • KEY BOARD "AU CR-2"
 S10 1-554-039-11 • PUSH "STANDBY"
 S11 1-571-167-11 • TACTIL "STANDBY"
 S12 1-554-039-11 • PUSH "PREROLL"
 S13 1-571-167-11 • TACTIL "PREROLL"
 S14 1-554-040-21 • PUSH "REC"
 S15 1-571-168-21 • TACTIL "REC"
 S16 1-554-039-11 • PUSH "EDIT"
 S17 1-571-167-11 • TACTIL "EDIT"

S18 1-552-539-00 • KEY BOARD "SEARCH"
 S19 1-571-169-11 • TACTIL "EJECT"
 S20 1-554-039-51 • PUSH "REW"
 S21 1-571-167-31 • TACTIL "REW"
 S22 1-554-039-21 • PUSH "PLAY"
 S23 1-571-167-21 • TACTIL "PLAY"
 S24 1-554-039-41 • PUSH "F FWD"
 S25 1-571-167-41 • TACTIL "F FWD"
 S26 1-571-169-21 • TACTIL "STOP"
 S27 1-516-994-00 • LEVER SLIDE "FB/FF"

S28 1-552-539-00 • KEY BOARD "PLAYER"
 S29 1-552-539-00 • KEY BOARD "RECORDER"
 S30 1-552-539-00 • KEY BOARD "ENTRY"
 S31 1-552-539-00 • KEY BOARD "TRIM(-)"
 S32 1-552-539-00 • KEY BOARD "TRIM(+)"
 S33 1-516-995-00 • LEVER SLIDE "DATA"
 S34 1-552-539-00 • KEY BOARD "SET"
 S35 1-552-539-00 • KEY BOARD "LAP"
 S36 1-552-539-00 • KEY BOARD "RESET"

X1 1-567-869-11 • VIBRATOR, CERAMIC 9.83MHz
 X2 1-567-192-11 • OSCILLATOR, CERAMIC 4MHz

Ref No. Parts No. SF Description

KY-144 BOARD

This board includes the DP-62 board.

A-6717-491-A • HOWEIZ CIRCUIT BOARD, KY-144

BT1 1-528-229-11 • BATTERY, LITHIUM (CR-2450)

C2 1-162-210-31 • CERAMIC 30FF 5Z 50V
 C3 1-162-210-31 • CERAMIC 30FF 5Z 50V
 C8 1-125-443-11 • DOUBLE LAYERS 0.047F 5.5V
 C9 1-124-245-00 • ELECT 4.7 20K 16V
 C10 1-161-379-00 • CERAMIC 0.01 30K 16V

C12 1-162-210-31 • CERAMIC 30FF 5Z 50V
 C13 1-162-210-31 • CERAMIC 30FF 5Z 50V
 C17 1-124-245-00 • ELECT 4.7 20K 16V
 C101 1-131-346-00 • TANTALUM 0.68 10X 35V
 C102 1-131-346-00 • TANTALUM 0.68 10X 35V

C103 1-131-346-00 • TANTALUM 0.68 10X 35V
 C104 1-131-346-00 • TANTALUM 0.68 10X 35V
 C105 1-131-346-00 • TANTALUM 0.68 10X 35V
 C106 1-131-346-00 • TANTALUM 0.68 10X 35V
 C107 1-131-346-00 • TANTALUM 0.68 10X 35V

C108 1-131-346-00 • TANTALUM 0.68 10X 35V
 C109 1-131-346-00 • TANTALUM 0.68 10X 35V

CH1 1-506-696-11 • HEADER 10P
 CH3 1-557-237-11 • WIRE, FLAT TYPE 23P
 (KY-101 to DP-62)

D1 8-719-911-19 • 18S119
 D2 8-719-911-19 • 18S119
 D3 8-719-911-19 • 18S119
 D4 8-719-911-19 • 18S119
 D5 8-719-911-19 • 18S119

D6 8-719-911-19 • 18S119
 D7 8-719-911-19 • 18S119
 D8 8-719-911-19 • 18S119
 D9 8-719-911-19 • 18S119
 D10 8-719-911-19 • 18S119

D11 8-719-911-19 • 18S119
 D12 8-719-911-19 • 18S119
 D13 8-719-911-19 • 18S119
 D14 8-719-911-19 • 18S119
 D15 8-719-911-19 • 18S119

D16 8-719-911-19 • 18S119
 D17 8-719-911-19 • 18S119
 D18 8-719-911-19 • 18S119
 D19 8-719-911-19 • 18S119
 D20 8-719-911-19 • 18S119

Parts that are not listed in the "reference number order list"
 are shown in the "General Purpose Electrical Parts List"

Ref No. Parts No. SP Description

D21	8-719-911-19	■	18S119
D22	8-719-911-19	■	18S119
D23	8-719-911-19	■	18S119
D24	8-719-911-19	■	18S119
D25	8-719-911-19	■	18S119
D26	8-719-911-19	■	18S119
D27	8-719-911-19	■	18S119
D28	8-719-911-19	■	18S119
D29	8-719-939-39	■	GL-5HD5
D30	8-719-939-39	■	GL-5HD5
D31	8-719-939-39	■	GL-5HD5
D32	8-719-939-39	■	GL-5HD5
D33	8-719-939-39	■	GL-5HD5
D34	8-719-939-39	■	GL-5HD5
D35	8-719-939-39	■	GL-5HD5
D36	8-719-939-39	■	GL-5HD5
D37	8-719-939-39	■	GL-5HD5
D38	8-719-939-39	■	GL-5HD5
D39	8-719-800-86	■	TLG255
D40	8-719-800-86	■	TLG255
D41	8-719-939-39	■	GL-5HD5
D42	8-719-939-39	■	GL-5HD5
D43	8-719-939-39	■	GL-5HD5
D44	8-719-939-39	■	GL-5HD5
D45	8-719-911-19	■	18S119
D46	8-719-911-19	■	18S119
D48	8-719-200-02	■	10E-2
D49	8-719-911-19	■	18S119
D50	8-719-200-02	■	10E-2
D51	8-719-911-19	■	18S119
D52	8-719-911-19	■	18S119
D53	8-719-802-11	■	TLUG154
D54	8-719-911-19	■	18S119
D55	8-719-911-19	■	18S119
D201	8-719-942-19	■	L8-402YK
D202	8-719-942-19	■	L8-402YK
D203	8-719-942-19	■	L8-402YK
D204	8-719-942-19	■	L8-402YK
IC1	8-759-605-23	■	M50747H-601SP(MITSUBISHI)
IC2	8-759-645-16	■	M54516P(MITSUBISHI)
IC3	8-759-645-16	■	M54516P(MITSUBISHI)
IC4	8-759-645-16	■	M54516P(MITSUBISHI)
IC5	8-759-600-68	■	M54562P(MITSUBISHI)
IC6	8-759-171-05	■	UPC7805H(NEC)
IC7	8-759-937-29	■	MB88201H-539W(FUJITSU)
IC101	8-759-600-61	■	M54529AF(MITSUBISHI)
IC102	8-759-600-61	■	M54529AF(MITSUBISHI)
Q1	8-729-900-67	■	DTAI24XS
Q2	8-729-900-67	■	DTAI24XS
Q3	8-729-900-67	■	DTAI24XS
Q4	8-729-900-67	■	DTAI24XS
Q5	8-729-275-42	■	25C2754-Y

Ref No. Parts No. SP Description

Q6	8-729-275-42	■	25C2754-Y
Q8	8-729-117-54	■	25A1175
Q9	8-729-117-54	■	25A1175
Q10	8-729-117-54	■	25A1175
Q11	8-729-117-54	■	25A1175
Q12	8-729-117-54	■	25A1175
Q13	8-729-117-54	■	25A1175
Q14	8-729-117-54	■	25A1175
Q15	8-729-900-09	■	DTG144ES
Q101	8-729-117-54	■	25A1175
Q102	8-729-117-54	■	25A1175
Q103	8-729-117-54	■	25A1175
Q104	8-729-117-54	■	25A1175
Q105	8-729-117-54	■	25A1175
Q106	8-729-117-54	■	25A1175
Q107	8-729-117-54	■	25A1175
Q108	8-729-117-54	■	25A1175
Q109	8-729-117-54	■	25A1175
S1	1-552-539-00	■	KEY BOARD "OUT"
S2	1-552-539-00	■	KEY BOARD "IN"
S3	1-552-539-00	■	KEY BOARD "REVIEW"
S4	1-552-539-00	■	KEY BOARD "AUTO EDIT"
S5	1-552-539-00	■	KEY BOARD "PREVIEW"
S6	1-552-539-00	■	KEY BOARD "ASSEMBLE"
S7	1-552-539-00	■	KEY BOARD "VIDEO"
S8	1-552-539-00	■	KEY BOARD "AU CH-1"
S9	1-552-539-00	■	KEY BOARD "AU CH-2"
S10	1-571-167-11	■	TACTIL "STANBY"
S11	1-571-167-11	■	TACTIL "PREROLL"
S12	1-571-168-21	■	TACTIL "REC"
S13	1-571-167-11	■	TACTIL "EDIT"
S14	1-552-539-00	■	KEY BOARD "SEARCH"
S15	1-571-169-11	■	TACTIL "EJECT"
S16	1-571-167-31	■	TACTIL "REW"
S17	1-571-167-21	■	TACTIL "PLAY"
S18	1-571-167-41	■	TACTIL "F FWD"
S19	1-571-169-21	■	TACTIL "STOP"
S20	1-516-961-00	■	LEVER SLIDE "PB/EE"
S23	1-552-539-00	■	KEY BOARD "PLAYER"
S24	1-552-539-00	■	KEY BOARD "RECORD"
S25	1-552-539-00	■	KEY BOARD "ENTRY"
S26	1-552-539-00	■	KEY BOARD "TRIM(-)"
S27	1-552-539-00	■	KEY BOARD "TRIM(+)"
S28	1-516-995-00	■	LEVER SLIDE "DATA"
S29	1-552-539-00	■	KEY BOARD "SET"
S201	1-552-539-00	■	KEY BOARD "LAY"
S202	1-552-539-00	■	KEY BOARD "RESET"
X1	1-567-869-11	■	VIBRATOR, CERAMIC 9.83MHz
X2	1-567-192-11	■	OSCILLATOR, CERAMIC 4MHz

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

LE-53 BOARD

1-622-720-11 o PRINTED CIRCUIT BOARD, LE-53

D1 8-719-930-20 o HLMF-1302

LE-54 BOARD

1-622-717-11 o PRINTED CIRCUIT BOARD, LE-54

D1 8-719-930-20 o HLMF-1302

LM-13 BOARD

1-618-600-11 o PRINTED CIRCUIT BOARD, LM-13

C1 1-130-471-00 o FE TEREPHTHALATE 0.001
C2 1-130-471-00 o FE TEREPHTHALATE 0.001

LP-41 BOARD

1-623-101-11 o PRINTED CIRCUIT BOARD, LP-41

D1 8-719-800-89 o TLY255
D2 8-719-800-89 o TLY255
D3 8-719-800-89 o TLY255

R1 1-247-706-11 o CARBON 330 5K 1/4W
R2 1-247-706-11 o CARBON 330 5K 1/4W
R3 1-247-706-11 o CARBON 330 5K 1/4W

MB-127 BOARD

This board includes the MB-139 board.

A-6729-502-A o MOUNTED CIRCUIT BOARD, MB-127

CN101 1-563-336-21 o HOUSING, (DIP) 64P
CN102 1-563-336-21 o HOUSING, (DIP) 64P
CN103 1-563-336-21 o HOUSING, (DIP) 64P
CN104 1-563-336-21 o HOUSING, (DIP) 64P
CN105 1-563-336-21 o HOUSING, (DIP) 64P

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

MB-127, MB-139, MD-45

Ref No.	Parts No.	SP	Description
CN106	1-563-336-21	o	HOUSING, (DIP) 64P
CN107	1-563-336-21	o	HOUSING, (DIP) 64P
CN108	1-563-336-21	o	HOUSING, (DIP) 64P
CN109	1-563-336-21	o	HOUSING, (DIP) 64P
CN110	1-566-313-11	o	PIN, 7P
	1-562-883-11	o	HOUSING, 7P
CN111	1-564-607-11	o	PIN, 6P
	1-562-287-11	o	HOUSING, 6P
CN220	1-506-819-11	o	BOARD IN CONNECTOR, 10P
CN221	1-506-819-11	o	BOARD IN CONNECTOR, 10P
CN222	1-506-819-11	o	BOARD IN CONNECTOR, 10P
CN223	1-506-821-11	o	BOARD IN CONNECTOR, 12P
CN224	1-506-821-11	o	BOARD IN CONNECTOR, 12P
CN225	1-506-819-11	o	BOARD IN CONNECTOR, 10P
CN226	1-506-814-11	o	BOARD IN CONNECTOR, 5P
CN227	1-563-994-11	o	SOCKET, (PCB-PCB) 20P
CN228	1-563-994-11	o	SOCKET, (PCB-PCB) 20P
CN231	1-563-994-11	o	SOCKET, (PCB-PCB) 20P
CN232	1-563-994-11	o	SOCKET, (PCB-PCB) 20P
CN233	1-563-994-11	o	SOCKET, (PCB-PCB) 20P

MB-139 BOARD

All of the component parts on the MB-139 board are supplied together when you order MB-127 board.

1-622-714-11	o	PRINTED CIRCUIT BOARD, MB-139	
CN230	1-563-336-21	o	HOUSING, (DIP) 64P
CN241	1-566-508-11	o	PLUG, (PCB-PCB) 20P
CN242	1-566-508-11	o	PLUG, (PCB-PCB) 20P
CN243	1-566-508-11	o	PLUG, (PCB-PCB) 20P

Ref No.	Parts No.	SP	Description
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MD-45 BOARD

A-6711-829-A		o MOUNTED CIRCUIT BOARD, MD-45	
C5	1-161-494-00	o	CERAMIC 0.022 30X 25V
C7	1-161-494-00	o	CERAMIC 0.022 30X 25V
C8	1-124-245-00	o	ELECT 4.7 20X 25V
C12	1-161-494-00	o	CERAMIC 0.022 30X 25V
C20	1-161-494-00	o	CERAMIC 0.022 30X 25V
C29	1-161-494-00	o	CERAMIC 0.022 30X 25V
C55	1-161-494-00	o	CERAMIC 0.022 30X 25V
C101	1-161-494-00	o	CERAMIC 0.022 30X 25V
C113	1-124-462-00	o	ELECT 10 20X 16V
C114	1-161-494-00	o	CERAMIC 0.022 30X 25V
C117	1-124-462-00	o	ELECT 10 20X 16V
C120	1-161-494-00	o	CERAMIC 0.022 30X 25V
C131	1-131-356-00	o	TANTALUM 3.3 10X 25V
C123	1-131-374-00	o	TANTALUM 3.3 10X 10V
C125	1-161-494-00	o	CERAMIC 0.022 30X 25V
C129	1-124-462-00	o	ELECT 10 20X 10V
C130	1-124-462-00	o	ELECT 10 20X 10V
C131	1-124-462-00	o	ELECT 10 20X 10V
C201	1-109-687-00	o	WIGA 390PF 1% 500V
C205	1-124-462-00	o	ELECT 10 20X 10V
C206	1-124-462-00	o	ELECT 10 20X 10V
C207	1-161-494-00	o	CERAMIC 0.022 30X 25V
C210	1-161-494-00	o	CERAMIC 0.022 30X 25V
C214	1-161-494-00	o	CERAMIC 0.022 30X 25V
C216	1-161-494-00	o	CERAMIC 0.022 30X 25V
C219	1-161-494-00	o	CERAMIC 0.022 30X 25V
C221	1-161-494-00	o	CERAMIC 0.022 30X 25V
C222	1-161-379-00	o	CERAMIC 0.01 30X 16V
C224	1-161-379-00	o	CERAMIC 0.01 30X 16V
C225	1-161-375-00	o	CERAMIC 0.0022 30X 16V
C226	1-161-494-00	o	CERAMIC 0.022 30X 25V
C227	1-161-494-00	o	CERAMIC 0.022 30X 25V
C228	1-161-379-00	o	CERAMIC 0.01 30X 16V
C229	1-161-379-00	o	CERAMIC 0.01 30X 16V
C230	1-161-494-00	o	CERAMIC 0.022 30X 25V
C311	1-161-379-00	o	CERAMIC 0.01 30X 16V
C302	1-124-245-00	o	ELECT 4.7 20X 25V
C303	1-161-013-00	o	CERAMIC 0.01 10X 25V
C305	1-161-494-00	o	CERAMIC 0.022 30X 25V
C306	1-161-494-00	o	CERAMIC 0.022 30X 25V
C307	1-161-494-00	o	CERAMIC 0.022 30X 25V
C309	1-161-494-00	o	CERAMIC 0.022 30X 25V
C502	1-161-494-00	o	CERAMIC 0.022 30X 25V
C503	1-124-499-11	o	ELECT 1 20X 50V
C504	1-124-462-00	o	ELECT 10 20X 10V
C508	1-124-462-00	o	ELECT 10 20X 10V
C509	1-124-462-00	o	ELECT 10 20X 10V
C513	1-162-728-11	o	CERAMIC 560PF 1% 50V
C514	1-124-638-11	o	ELECT 22 20X 10V
C522	1-161-494-00	o	CERAMIC 0.022 30X 25V
C523	1-124-462-00	o	ELECT 10 20X 16V
C527	1-124-462-00	o	ELECT 10 20X 10V
C528	1-131-344-00	o	TANTALUM 0.33 10X 35V
C532	1-131-351-00	o	TANTALUM 4.7 10X 25V
C535	1-161-494-00	o	CERAMIC 0.022 30X 25V

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

C540 1-161-494-00 a CERAMIC 0.022 30X 25V
 C543 1-161-494-00 a CERAMIC 0.022 30X 25V
 C545 1-161-379-00 a CERAMIC 0.01 30X 16V
 C546 1-161-494-00 a CERAMIC 0.022 30X 25V
 C548 1-124-638-11 a ELECT 22 20X 10V

C551 1-161-494-00 a CERAMIC 0.022 30X 25V
 C553 1-101-886-00 a CERAMIC 0.27F 5X 30V
 C555 1-161-494-00 a CERAMIC 0.022 30X 25V
 C557 1-161-494-00 a CERAMIC 0.022 30X 25V
 C559 1-161-494-00 a CERAMIC 0.022 30X 25V

C561 1-161-494-00 a CERAMIC 0.022 30X 25V
 C564 1-131-355-00 a TANTALUM 2.2 10X 25V
 C565 1-161-494-00 a CERAMIC 0.022 30X 25V
 C567 1-131-349-00 a TANTALUM 2.2 10X 35V
 C570 1-162-722-11 a CERAMIC 330PF 1X 50V

C571 1-162-724-11 a CERAMIC 390PF 1X 50V
 C572 1-124-462-00 a ELECT 10 20X 10V
 C573 1-161-379-00 a CERAMIC 0.01 30X 16V
 C574 1-161-379-00 a CERAMIC 0.01 30X 16V
 C575 1-161-494-00 a CERAMIC 0.022 30X 25V

C578 1-161-379-00 a CERAMIC 0.01 30X 16V
 C581 1-131-343-00 a TANTALUM 0.47 10X 35V
 C582 1-161-494-00 a CERAMIC 0.022 30X 25V
 C801 1-161-494-00 a CERAMIC 0.022 30X 25V
 C803 1-124-459-11 a ELECT 1 20X 50V

C804 1-161-494-00 a CERAMIC 0.022 30X 25V
 C805 1-161-494-00 a CERAMIC 0.022 30X 25V
 C806 1-161-379-00 a CERAMIC 0.01 30X 16V
 C808 1-161-494-00 a CERAMIC 0.022 30X 25V
 C814 1-124-459-11 a ELECT 1 20X 50V

C902 1-161-494-00 a CERAMIC 0.022 30X 25V
 C903 1-161-494-00 a CERAMIC 0.022 30X 25V
 C904 1-161-494-00 a CERAMIC 0.022 30X 25V
 C905 1-161-494-00 a CERAMIC 0.022 30X 25V
 C906 1-161-494-00 a CERAMIC 0.022 30X 25V

C907 1-161-494-00 a CERAMIC 0.022 30X 25V
 C909 1-161-494-00 a CERAMIC 0.022 30X 25V
 C910 1-161-494-00 a CERAMIC 0.022 30X 25V
 C911 1-161-494-00 a CERAMIC 0.022 30X 25V

CN601 1-564-003-00 a PIN, 4P
 CN602 1-564-009-00 o PIN, 10P
 CN603 1-564-003-00 o PIN, 4P
 CN604 1-564-007-00 o PIN, 3P
 CN605 1-564-004-00 o PIN, 5P

CN606 1-564-007-00 a PIN, 8P
 CN607 1-564-005-00 o PIN, 6P
 CN608 1-564-004-00 o PIN, 5P
 CN610 1-564-002-00 o PIN, 3P
 CN611 1-564-003-00 o PIN, 4P
 CN612 1-564-002-00 o PIN, 3P

Ref No. Parts No. SP Description

D11 8-719-911-19 a 1S8119
 D101 8-719-911-19 a 1S8119
 D103 8-719-911-19 a 1S8119
 D104 8-719-911-19 a 1S8119
 D105 8-719-911-19 a 1S8119

D106 8-719-911-19 a 1S8119
 D107 8-719-104-10 a 1S899
 D108 8-719-104-10 a 1S899
 D201 8-719-911-19 a 1S8119
 D301 8-719-911-19 a 1S8119

D501 8-719-911-19 a 1S8119
 D502 8-719-911-19 a 1S8119
 D503 8-719-911-19 a 1S8119
 D505 8-719-915-43 a PC54H
 D506 8-719-911-19 a 1S8119

D507 8-719-911-19 a 1S8119
 D508 8-719-911-19 a 1S8119

DL1 1-415-404-11 a 226ns
 DL2 1-415-404-11 a 226ns
 DL101 1-415-403-21 a 1000ns
 DL501 1-415-402-11 a 300ns

FL1 1-235-475-11 a LOW PASS
 FL2 1-235-476-21 a BAND PASS
 FL201 1-235-477-11 a HIGH PASS
 FL202 1-235-009-21 a HIGH PASS (HPD-MD)
 FL501 1-235-471-11 a LOW PASS
 FL502 1-231-377-21 a BAND PASS

1511C1 8-759-740-53 a TC4053BP (TOSHIBA)
 1611C1 8-759-940-53 a MC14053BP (MOTOROLA)
 IC2 8-749-938-90 a BX389 (SONY)
 IC3 8-752-701-30 a CE22013 (SONY)
 IC4 8-752-030-30 a CX1020P (SONY)
 IC5 8-749-938-90 a BX389 (SONY)
 IC6 8-749-938-90 a BX389 (SONY)
 IC7 8-749-938-90 a BX389 (SONY)
 IC8 8-759-981-91 a RC4558D (RAYTHEON)
 IC9 8-759-981-91 a RC4558D (RAYTHEON)

IC101 8-752-006-00 a CX20060 (SONY)
 IC102 8-751-310-00 a CX-131A (SONY)
 IC103 8-759-206-29 a TA7060AP-SONY (TOSHIBA)
 IC201 8-741-125-70 a BX1257 (SONY)
 IC202 8-752-006-00 a CX20060 (SONY)

IC301 8-741-124-60 a BX1246 (SONY)
 IC501 8-752-006-00 a CX20060 (SONY)
 IC502 8-741-124-70 a BX1247 (SONY)
 IC503 8-759-908-59 a CX-859 (SONY)
 IC504 8-751-880-00 a CX-188 (SONY)

IC801 8-741-126-20 a BX1262 (SONY)
 IC802 8-752-006-00 a CX20060 (SONY)
 IC803 8-759-145-58 a UPC4558C (WEC)

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts list".

Ref No. Parts No. SP Description

L1 1-410-482-31 # MICRO 100
 L2 1-410-482-31 # MICRO 100
 L3 1-410-482-31 # MICRO 100
 L11 1-410-482-31 # MICRO 100
 L12 1-410-482-31 # MICRO 100

L13 1-410-466-41 # MICRO 4.7
 L14 1-410-482-31 # MICRO 100
 L101 1-410-482-31 # MICRO 100
 L102 1-410-482-31 # MICRO 100
 L103 1-410-482-31 # MICRO 100

L105 1-410-482-31 # MICRO 100
 L108 1-410-482-31 # MICRO 100
 L202 1-410-482-31 # MICRO 100
 L203 1-410-482-31 # MICRO 100
 L204 1-410-482-31 # MICRO 100

L206 1-410-471-11 # MICRO 12
 L208 1-410-482-31 # MICRO 100
 L301 1-410-482-31 # MICRO 100
 L302 1-410-482-31 # MICRO 100
 L501 1-410-482-31 # MICRO 100

L502 1-410-119-11 # MICRO 100
 L503 1-410-482-31 # MICRO 100
 L505 1-410-482-31 # MICRO 100
 L506 1-410-482-31 # MICRO 100
 L507 1-410-478-11 # MICRO 47

L508 1-410-482-31 # MICRO 100
 L509 1-410-482-31 # MICRO 100
 L510 1-410-476-11 # MICRO 33
 L511 1-410-482-31 # MICRO 100
 L512 1-410-090-41 # MICRO 100

L513 1-410-489-11 # MICRO 390
 L514 1-410-482-31 # MICRO 100
 L515 1-410-482-31 # MICRO 100
 L517 1-410-477-21 # MICRO 39
 L801 1-410-482-31 # MICRO 100
 L804 1-410-482-31 # MICRO 100

1W701 1-407-563-00 # VARIABLE 1
 1W901 1-407-572-00 # VARIABLE 33

Q1 8-729-603-50 # 28C403SP
 Q2 8-729-105-72 # 28K523-L1
 Q4 8-729-603-50 # 28C403SP
 Q5 8-729-275-42 # 28C2754-Y
 Q6 8-729-275-42 # 28C2754-Y

Q7 8-729-603-50 # 28C403SP
 Q8 8-729-603-50 # 28C403SP
 Q9 8-729-603-50 # 28C403SP
 Q10 8-729-603-50 # 28C403SP
 Q11 8-729-603-50 # 28C403SP

Q12 8-729-603-50 # 28C403SP
 Q13 8-729-603-50 # 28C403SP
 Q14 8-729-110-52 # 28A1005-L
 Q15 8-729-110-52 # 28A1005-L
 Q16 8-729-190-12 # 28C2901-K

Ref No. Parts No. SP Description

Q17 8-729-190-12 # 28C2901-K
 Q18 8-729-110-52 # 28A1005-L
 Q19 8-729-190-12 # 28C2901-K
 Q20 8-729-190-12 # 28C2901-K
 Q21 8-729-110-52 # 28A1005-L

Q22 8-729-110-52 # 28A1005-L
 Q23 8-729-190-12 # 28C2901-K
 Q24 8-729-611-53 # 28A1115-F
 Q25 8-729-603-50 # 28C403SP
 Q27 8-729-603-50 # 28C403SP

Q101 8-729-603-50 # 28C403SP
 Q102 8-729-603-50 # 28C403SP
 Q103 8-729-603-50 # 28C403SP
 Q104 8-729-603-50 # 28C403SP
 Q105 8-729-603-50 # 28C403SP

Q106 8-729-603-50 # 28C403SP
 Q201 8-729-603-50 # 28C403SP
 Q202 8-729-603-50 # 28C403SP
 Q203 8-729-600-60 # 28A1115P
 Q204 8-729-600-60 # 28A1115P

Q205 8-729-603-50 # 28C403SP
 Q206 8-729-603-50 # 28C403SP
 Q207 8-729-900-36 # DTC124ES
 Q208 8-729-900-36 # DTC124ES
 Q209 8-729-603-50 # 28C403SP

Q210 8-729-900-36 # DTC124ES
 Q211 8-729-603-50 # 28C403SP
 Q301 8-729-113-32 # Z8B73
 Q302 8-729-900-36 # DTC124ES
 Q303 8-729-611-53 # 28A1115-F

Q305 8-729-603-50 # 28C403SP
 Q501 8-729-603-50 # 28C403SP
 Q502 8-729-603-50 # 28C403SP
 Q503 8-729-603-50 # 28C403SP
 Q504 8-729-603-50 # 28C403SP

Q505 8-729-611-53 # 28A1115-F
 Q506 8-729-603-50 # 28C403SP
 Q507 8-729-603-50 # 28C403SP
 Q508 8-729-603-50 # 28C403SP
 1) Q509 8-729-901-41 # 28C1740S-R
 2) Q509 8-729-603-50 # 28C403SP

Q510 8-729-611-53 # 28A1115-F
 Q511 8-729-901-41 # 28C1740S-R
 Q512 8-729-603-50 # 28C403SP
 Q513 8-729-603-50 # 28C403SP
 Q801 8-729-603-50 # 28C403SP
 Q802 8-729-901-41 # 28C1740S-R

R205 1-247-895-00 # CARBON 470K 5X 1/4W
 R207 1-247-849-00 # CARBON 5.6K 5X 1/4W
 R209 1-247-895-00 # CARBON 470K 5X 1/4W
 R210 1-247-895-00 # CARBON 470K 5X 1/4W
 R212 1-247-849-00 # CARBON 5.6K 5X 1/4W

R242 1-247-891-00 # CARBON 330K 5X 1/4W
 R538 1-247-887-00 # CARBON 220K 5X 1/4W
 R566 1-247-849-00 # CARBON 5.6K 5X 1/4W
 R569 1-247-849-00 # CARBON 5.6K 5X 1/4W
 R575 1-247-849-00 # CARBON 5.6K 5X 1/4W

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

RV1	1-228-994-00	■	VAR, CARBON 10k
RV2	1-228-991-00	■	VAR, CARBON 2.2k
RV3	1-228-990-00	■	VAR, CARBON 1k
RV4	1-228-988-00	■	VAR, CARBON 470
RV5	1-228-985-00	■	VAR, CARBON 470
19)RV6	1-228-989-00	■	VAR, CARBON 470
20)RV6	1-228-990-00	■	VAR, CARBON 1k
RV7	1-228-985-00	■	VAR, CARBON 470
RV8	1-228-993-00	■	VAR, CARBON 22k
RV9	1-228-996-00	■	VAR, CARBON 220k
RV101	1-228-991-00	■	VAR, CARBON 2.2k
RV201	1-228-990-00	■	VAR, CARBON 1k
RV202	1-228-993-00	■	VAR, CARBON 4.7k
RV203	1-228-993-00	■	VAR, CARBON 4.7k
RV204	1-228-985-00	■	VAR, CARBON 470
RV205	1-228-990-00	■	VAR, CARBON 1k
RV206	1-228-990-00	■	VAR, CARBON 1k
RV207	1-228-993-00	■	VAR, CARBON 470k
RV208	1-228-996-00	■	VAR, CARBON 47k
RV209	1-228-990-00	■	VAR, CARBON 1k
RV301	1-228-993-00	■	VAR, CARBON 22k
RV302	1-228-991-00	■	VAR, CARBON 2.2k
RV501	1-228-993-00	■	VAR, CARBON 4.7k
RV502	1-228-993-00	■	VAR, CARBON 4.7k
RV503	1-228-990-00	■	VAR, CARBON 1k
RV504	1-228-993-00	■	VAR, CARBON 4.7k
RV505	1-228-993-00	■	VAR, CARBON 4.7k
RV801	1-228-996-00	■	VAR, CARBON 47k
RV802	1-228-990-00	■	VAR, CARBON 1k
RV803	1-228-999-00	■	VAR, CARBON 470k
S1	1-570-857-11	■	SLIDE
T501	1-425-880-21	■	TRANSFORMER, BURST AMP
TR201	1-800-200-00	■	THERMISTOR 5-3K
X501	1-527-231-00	■	OSC, CRYSTAL 4.433618MHz

Ref No. Parts No. SP Description

MT-28 BOARD

1-622-729-11 ○ PRINTED CIRCUIT BOARD, MT-28

CP335 1-560-035-00 ■ PIN, BOARD TO BOARD 5P

(MT-28 to VR-48)

CR336 1-560-035-00 ■ PIN, BOARD TO BOARD 5P

(MT-28 to VR-48)

D1 8-719-800-89 ■ TLY255

D2 8-719-800-86 ■ TLY255

D3 8-719-800-89 ■ TLY255

D4 8-719-800-89 ■ TLY255

D5 8-719-800-89 ■ TLY255

D6 8-719-800-89 ■ TLY255

R1 1-247-706-11 ■ CARBON 330 5% 1/4W

R1 1-247-706-11 ■ CARBON 330 5% 1/4W

R1 1-247-706-11 ■ CARBON 330 5% 1/4W

PD-37 BOARD

A-6717-458-A ○ MOUNTED CIRCUIT BOARD, PD-37

C2 1-161-379-00 ■ CERAMIC 0.01 30V 16V

C3 1-161-379-00 ■ CERAMIC 0.01 30V 16V

C4 1-124-259-00 ■ ELECT 4.7 20% 50V

C5 1-124-259-00 ■ ELECT 4.7 20% 50V

C6 1-124-259-00 ■ ELECT 4.7 20% 50V

D1 8-719-200-02 ■ 10E-2

D2 8-719-911-19 ■ 18S119

D3 8-719-911-19 ■ 18S119

D4 8-719-200-02 ■ 10E-2

D5 8-719-200-02 ■ 10E-2

D6 8-719-200-02 ■ 10E-2

D7 8-719-200-02 ■ 10E-2

D8 8-719-200-02 ■ 10E-2

D9 8-719-200-02 ■ 10E-2

D10 8-719-200-02 ■ 10E-2

D11 8-719-200-02 ■ 10E-2

D12 8-719-200-02 ■ 10E-2

D13 8-719-200-02 ■ 10E-2

D14 8-719-200-02 ■ 10E-2

IC1 8-759-600-24 ■ M54543L(MITSUBISHI)

A-PS1 1-532-686-00 ■ LINK, IC

PS2 1-532-685-00 ■ LINK, IC

PS3 1-532-685-00 ■ LINK, IC

PS4 1-532-685-00 ■ LINK, IC

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

Q1 8-729-811-11 # 2SD1111
Q2 8-729-178-55 # 2SC2785-E
Q3 8-729-178-55 # 2SC2785-E
Q4 8-729-199-82 # 2SD998
Q5 8-729-811-11 # 2SD1111
Q6 8-729-178-55 # 2SC2785-E
Q7 8-729-889-40 # 2SD894
Q8 8-729-811-11 # 2SD1111
Q9 8-729-178-55 # 2SC2785-E
Q10 8-729-889-40 # 2SD894

PH-5(A) BOARD

1-603-737-00 o PRINTED CIRCUIT BOARD, PH-5(A)

D1 8-719-951-04 # BR51048

PH-5(B) BOARD

1-603-737-00 o PRINTED CIRCUIT BOARD, PH-5(B)

Q1 8-729-810-21 # SPS102-A

PH-5(C) BOARD

1-603-737-00 o PRINTED CIRCUIT BOARD, PH-5(C)

D1 8-719-951-04 # BR51048

PTC-26 BOARD

1-622-721-11 o PRINTED CIRCUIT BOARD, PTC-26

Q1 8-729-810-22 # SPS102-A

PTC-28 BOARD

1-622-722-11 o PRINTED CIRCUIT BOARD, PTC-28

1-806-232-11 # ME-1102/S.W

Ref No. Parts No. SP Description

PTC-29 BOARD

1-622-718-11 o PRINTED CIRCUIT BOARD, PTC-29

1-806-232-21 # DETECTOR ME-1102/S.W

PTC-30 BOARD

1-622-260-11 o PRINTED CIRCUIT BOARD, PTC-30

IC1 8-719-939-50 # GP1L52(SHARP)
IC2 8-719-939-50 # GP1L52(SHARP)
IC3 8-719-939-50 # GP1L52(SHARP)

PTC-32 BOARD

1-622-638-11 o PRINTED CIRCUIT BOARD, PTC-32

C1 1-124-234-00 # ELECT 22 20% 10V

IC1 8-719-939-50 # GP1L52(SHARP)
IC2 8-719-939-50 # GP1L52(SHARP)
IC3 8-719-940-86 # GP1L53(SHARP)
IC4 8-719-939-50 # GP1L52(SHARP)
IC5 8-759-133-90 # UPC339C(NEC)

PTC-33 BOARD

1-622-258-11 o PRINTED CIRCUIT BOARD, PTC-33

IC1 8-719-940-86 # GP1L53(SHARP)
IC2 8-719-940-86 # GP1L53(SHARP)

PTC-34 BOARD

1-622-259-11 o PRINTED CIRCUIT BOARD, PTC-34

IC1 8-719-940-86 # GP1L53(SHARP)

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SF Description

RP-30A BOARD

A-6711-828-A o MOUNTED CIRCUIT BOARD, RP-30A

C2 1-124-236-00 s ELECT 47 20X 16V
C9 1-124-236-00 s ELECT 47 20X 16V
C11 1-124-120-11 s ELECT 220 20X 16V
C14 1-124-255-00 s ELECT 1 20X 50V
C17 1-124-120-11 s ELECT 220 20X 16V

C20 1-124-255-00 s ELECT 1 20X 50V
C21 1-162-294-31 s CERAMIC 0.001 10T 50V
C22 1-162-294-31 s CERAMIC 0.001 10T 50V
C102 1-124-236-00 s ELECT 47 20X 16V
C106 1-162-720-11 s CERAMIC 270PF 1X 50V

C108 1-124-236-00 s ELECT 47 20X 16V
C111 1-162-720-11 s CERAMIC 270PF 1X 50V

D1 8-719-911-19 s ISS119
D2 8-719-911-19 s ISS119
D3 8-719-100-13 s RD2.7E-R2
D4 8-719-911-19 s ISS119
D101 8-719-911-19 s ISS119

D102 8-719-911-19 s ISS119
D103 8-719-911-19 s ISS119
D104 8-719-911-19 s ISS119
D105 8-719-911-19 s ISS119
D106 8-719-911-19 s ISS119

D107 8-719-911-19 s ISS119
D108 8-719-911-19 s ISS119

IC1 8-743-731-00 s BX373A(SONY)
IC2 8-729-677-14 s 2SC2771(MITSUBISHI)
IC3 8-741-126-50 s BX1265(SONY)
IC4 8-759-240-09 s TC4009UBP(MOTOROLA)
IC5 8-729-677-14 s 2SC2771(MITSUBISHI)
IC6 8-741-126-50 s BX1265(SONY)

L1 1-410-482-31 s MICRO 100
L2 1-408-426-00 s MICRO 270
L3 1-410-482-31 s MICRO 100
L4 1-410-482-31 s MICRO 100
L101 1-410-482-31 s MICRO 100

Q1 8-729-201-05 s 2SC2878-B
Q2 8-729-201-05 s 2SC2878-B
Q3 8-729-603-50 s 2SC4038P
Q4 8-729-603-50 s 2SC4038P
Q5 8-729-603-50 s 2SC4038P
Q6 8-729-603-50 s 2SC4038P
Q101 8-729-603-50 s 2SC4038P
Q102 8-729-603-50 s 2SC4038P
Q103 8-729-603-50 s 2SC4038P
Q104 8-729-177-32 s 2SD773

Ref No. Parts No. SF Description

Q105 8-729-113-34 s 2SD733-5
Q106 8-729-603-50 s 2SC4038P
Q107 8-729-603-50 s 2SC4038P
Q108 8-729-177-32 s 2SD773
Q109 8-729-113-34 s 2SD733-5

R1 1-249-404-00 s CARBON 82 5X 1/6W
R2 1-249-404-00 s CARBON 82 5X 1/6W

RV1 1-228-990-00 s VAR. CARBON 1k
RV2 1-228-989-00 s VAR. CARBON 470
RV3 1-228-993-00 s VAR. CARBON 4.7k
RV4 1-228-991-00 s VAR. CARBON 2.2k
RV5 1-228-993-00 s VAR. CARBON 4.7k
RV6 1-228-991-00 s VAR. CARBON 2.2k
RV101 1-228-990-00 s VAR. CARBON 1k
RV102 1-228-990-00 s VAR. CARBON 1k

T1 1-426-017-00 s AF
T2 1-426-172-00 s OUTPUT
T3 1-426-319-11 s PB RF
T4 1-426-172-00 s OUTPUT
T5 1-426-320-11 s PB RF

RM-44 BOARD

3) 1-622-739-11 o PRINTED CIRCUIT BOARD, RM-44
4) 1-622-739-12 o PRINTED CIRCUIT BOARD, RM-44

C1 1-161-379-00 s CERAMIC 0.01 30X 16V

CW1 1-566-658-11 24P "REMOTE 2"
CW2 1-563-890-11 s SOCKET, D-SUB CONNECTOR 9P

IC1 8-759-201-34 s TD62503P(TOSHIBA)

RM-45 BOARD

1-622-740-11 o PRINTED CIRCUIT BOARD, RM-45

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

SE-48 BOARD

A-6729-496-A o MOUNTED CIRCUIT BOARD, SE-48

C2 1-162-294-31 a CERAMIC 0.001 10X 50V
 C3 1-162-207-31 a CERAMIC 22PF 5X 50V
 C5 1-162-294-31 a CERAMIC 0.001 10X 50V
 C6 1-162-207-31 a CERAMIC 22PF 5X 50V
 C8 1-162-294-31 a CERAMIC 0.001 10X 50V

C9 1-162-207-31 a CERAMIC 22PF 5X 50V
 C11 1-162-294-31 a CERAMIC 0.001 10X 50V
 C12 1-162-207-31 a CERAMIC 22PF 5X 50V
 C14 1-161-379-00 a CERAMIC 0.01 30X 16V

IC1 8-759-132-40 a UPC324C(NEC)
 23) IC2 8-745-211-00 a IM-211
 24) IC2 8-745-001-02 a IM-211A-L
 23) IC3 8-745-211-00 a IM-211
 24) IC3 8-745-001-02 a IM-211A-L

R4 1-247-895-00 a CARBON 470K 5X 1/6W
 R8 1-247-895-00 a CARBON 470K 5X 1/6W
 R12 1-247-895-00 a CARBON 470K 5X 1/6W
 R16 1-247-895-00 a CARBON 470K 5X 1/6W

RV1 1-228-993-00 a VAR, CARBON 4.7K
 RV2 1-228-993-00 a VAR, CARBON 4.7K
 RV3 1-228-993-00 a VAR, CARBON 4.7K
 RV4 1-228-993-00 a VAR, CARBON 4.7K

S/N UP TO 13750 (EK)

Ref No. Parts No. SP Description

SV-88A BOARD

A-6715-368-A o MOUNTED CIRCUIT BOARD, SV-88A

C104 1-162-290-31 a CERAMIC 470PF 10X 50V
 C105 1-123-622-00 a ELECT 22 20X 16V
 C106 1-123-622-00 a ELECT 22 20X 16V
 C108 1-123-622-00 a ELECT 22 20X 16V
 C109 1-124-465-00 a ELECT 0.47 20X 50V

C111 1-162-286-31 a CERAMIC 220PF 10X 50V
 C116 1-162-288-31 a CERAMIC 330PF 10X 50V
 C117 1-162-286-31 a CERAMIC 220PF 10X 50V
 C121 1-162-288-31 a CERAMIC 330PF 10X 50V
 C132 1-162-282-31 a CERAMIC 100PF 10X 50V

6) C139 1-162-294-31 a CERAMIC 0.001 10X 50V
 C140 1-162-294-31 a CERAMIC 0.001 10X 50V
 C201 1-123-617-00 a ELECT 10 20X 16V
 C202 1-123-622-00 a ELECT 22 20X 16V
 C210 1-162-290-31 a CERAMIC 470PF 10X 50V

C213 1-162-282-31 a CERAMIC 100PF 10X 50V
 C215 1-162-290-31 a CERAMIC 470PF 10X 50V
 C219 1-161-494-00 a CERAMIC 0.022 30X 25V
 C401 1-123-611-00 a ELECT 1 20X 50V
 C402 1-123-611-00 a ELECT 1 20X 50V

C403 1-123-617-00 a ELECT 10 20X 16V
 C404 1-123-617-00 a ELECT 10 20X 16V
 C405 1-161-494-00 a CERAMIC 0.022 30X 25V
 C406 1-162-294-31 a CERAMIC 0.001 10X 50V
 C407 1-162-294-31 a CERAMIC 0.001 10X 50V

C408 1-162-294-31 a CERAMIC 0.001 10X 50V
 C409 1-162-294-31 a CERAMIC 0.001 10X 50V
 C410 1-161-494-00 a CERAMIC 0.022 30X 25V
 C412 1-123-622-00 a ELECT 22 20X 16V
 C415 1-123-622-00 a ELECT 22 20X 16V

C418 1-123-617-00 a ELECT 10 20X 16V
 C419 1-123-617-00 a ELECT 10 20X 16V
 C430 1-161-377-00 a CERAMIC 0.0047 30X 16V
 C431 1-161-377-00 a CERAMIC 0.0047 30X 16V
 C432 1-161-377-00 a CERAMIC 0.0047 30X 16V

6) C433 1-161-494-00 a CERAMIC 0.022 30X 25V
 C504 1-123-617-00 a ELECT 10 20X 16V
 C507 1-123-617-00 a ELECT 10 20X 16V
 C508 1-130-736-11 a FILM 0.01 1X 100V
 C510 1-162-282-31 a CERAMIC 100PF 10X 50V

C515 1-162-282-31 a CERAMIC 100PF 10X 50V
 C519 1-123-611-00 a ELECT 1 20X 50V
 C520 1-123-617-00 a ELECT 10 20X 16V
 C521 1-162-213-31 a CERAMIC 39PF 5X 50V
 C523 1-162-290-31 a CERAMIC 470PF 10X 50V

C525 1-123-611-00 a ELECT 1 20X 50V
 C526 1-123-617-00 a ELECT 10 20X 16V
 C527 1-162-213-31 a CERAMIC 39PF 5X 50V
 C529 1-162-290-31 a CERAMIC 470PF 10X 50V
 C531 1-123-611-00 a ELECT 1 20X 50V

C532 1-123-617-00 a ELECT 10 20X 16V
 C533 1-162-213-31 a CERAMIC 39PF 5X 50V
 C535 1-162-290-31 a CERAMIC 470PF 10X 50V
 C539 1-123-611-00 a ELECT 1 20X 50V
 11) C540 1-123-611-00 a ELECT 1 20X 50V

12) C540 1-124-438-00 a ELECT 1 20X 50V
 C541 1-162-282-31 a CERAMIC 100PF 10X 50V
 1) C543 1-123-617-00 a ELECT 10 20X 16V
 2) C543 1-131-365-00 a TANTALUM 10 10X 16V
 1) C544 1-123-617-00 a ELECT 10 20X 16V
 2) C544 1-131-365-00 a TANTALUM 10 10X 16V

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

C545 1-130-728-00 ■ FILM 0.0012 5X 50V
 5) C550 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 6) C551 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C601 1-162-282-31 ■ CERAMIC 100PF 10X 50V
 C602 1-162-282-31 ■ CERAMIC 100PF 10X 50V

C603 1-162-282-31 ■ CERAMIC 100PF 10X 50V
 C604 1-162-282-31 ■ CERAMIC 100PF 10X 50V
 C606 1-162-282-31 ■ CERAMIC 100PF 10X 50V
 C608 1-162-282-31 ■ CERAMIC 100PF 10X 50V
 C618 1-124-465-00 ■ ELECT 0.47 20X 50V

C621 1-124-465-00 ■ ELECT 0.47 20X 50V
 C622 1-102-106-00 ■ CERAMIC 100PF 10X 50V
 C623 1-102-106-00 ■ CERAMIC 100PF 10X 50V
 C624 1-102-106-00 ■ CERAMIC 100PF 10X 50V
 C701 1-162-290-31 ■ MYLAR 470FF 10X 50V

C704 1-152-290-31 ■ MYLAR 470FF 10X 50V
 C709 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C750 1-126-103-11 ■ ELECT 470 20X 16V
 C751 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C752 1-161-494-00 ■ CERAMIC 0.022 30X 25V

C753 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C754 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C755 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C756 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C757 1-161-494-00 ■ CERAMIC 0.022 30X 25V

C758 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C759 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C760 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C761 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C762 1-161-494-00 ■ CERAMIC 0.022 30X 25V

C763 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C764 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C765 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C766 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C767 1-161-494-00 ■ CERAMIC 0.022 30X 25V

C801 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C802 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C803 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C804 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C805 1-161-494-00 ■ CERAMIC 0.022 30X 25V

C806 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C807 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C808 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C809 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C810 1-161-494-00 ■ CERAMIC 0.022 30X 25V

C811 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C812 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C813 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C814 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C815 1-161-494-00 ■ CERAMIC 0.022 30X 25V

C816 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C817 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C818 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C819 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C820 1-161-494-00 ■ CERAMIC 0.022 30X 25V

C821 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C822 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C823 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C824 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C825 1-161-494-00 ■ CERAMIC 0.022 30X 25V

C826 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C827 1-161-494-00 ■ CERAMIC 0.022 30X 25V

Ref No. Parts No. SP Description

C828 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C829 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C830 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C831 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C832 1-161-494-00 ■ CERAMIC 0.022 30X 25V

C833 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C834 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C835 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C836 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C837 1-161-494-00 ■ CERAMIC 0.022 30X 25V

C838 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C839 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C840 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C841 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C901 1-161-494-00 ■ CERAMIC 0.022 30X 25V

C902 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C903 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C904 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C905 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C906 1-161-494-00 ■ CERAMIC 0.022 30X 25V

C907 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C908 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C909 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C910 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C911 1-161-494-00 ■ CERAMIC 0.022 30X 25V

C912 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C950 1-126-103-11 ■ ELECT 470 20X 16V
 C951 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C952 1-161-494-00 ■ CERAMIC 0.022 30X 25V
 C953 1-161-494-00 ■ CERAMIC 0.022 30X 25V

CN1 1-506-747-21 o PIN, DIN (DIP) 64P
 CN2 1-506-747-21 o PIN, DIN (DIP) 64P

D101 8-719-911-19 ■ 18S119
 D102 8-719-911-19 ■ 18S119
 D103 8-719-911-19 ■ 18S119
 D104 8-719-911-19 ■ 18S119
 D105 8-719-911-19 ■ 18S119

D106 8-719-911-19 ■ 18S119
 D107 8-719-911-19 ■ 18S119
 D108 8-719-911-19 ■ 18S119
 D109 8-719-911-19 ■ 18S119
 D110 8-719-911-19 ■ 18S119

D201 8-719-911-19 ■ 18S119
 D202 8-719-911-19 ■ 18S119
 D203 8-719-911-19 ■ 18S119
 D204 8-719-911-19 ■ 18S119
 D205 8-719-911-19 ■ 18S119

D206 8-719-911-19 ■ 18S119
 D207 8-719-911-19 ■ 18S119
 D208 8-719-911-19 ■ 18S119
 D209 8-719-911-19 ■ 18S119
 D210 8-719-911-19 ■ 18S119

D211 8-719-911-19 ■ 18S119
 D212 8-719-911-19 ■ 18S119
 D213 8-719-911-19 ■ 18S119
 D214 8-719-911-19 ■ 18S119
 D401 8-719-911-19 ■ 18S119

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

D402 8-719-911-19 ■ 18S119
 D403 8-719-911-19 ■ 18S119
 D404 8-719-911-19 ■ 18S119
 D405 8-719-911-19 ■ 18S119
 D406 8-719-911-19 ■ 18S119

D407 8-719-911-19 ■ 18S119
 D408 8-719-911-19 ■ 18S119
 D409 8-719-911-19 ■ 18S119
 D410 8-719-911-19 ■ 18S119
 D411 8-719-911-19 ■ 18S119

D412 8-719-911-19 ■ 18S119
 D413 8-719-911-19 ■ 18S119
 D414 8-719-911-19 ■ 18S119
 D501 8-719-911-19 ■ 18S119
 D502 8-719-911-19 ■ 18S119

D507 8-719-911-19 ■ 18S119
 D508 8-719-911-19 ■ 18S119
 D509 8-719-911-19 ■ 18S119
 D512 8-719-911-19 ■ 18S119
 D513 8-719-911-19 ■ 18S119

D514 8-719-911-19 ■ 18S119
 D515 8-719-911-19 ■ 18S119
 D516 8-719-911-19 ■ 18S119
 D517 8-719-911-19 ■ 18S119
 D518 8-719-911-19 ■ 18S119

D519 8-719-911-19 ■ 18S119
 D601 8-719-911-19 ■ 18S119
 D602 8-719-109-99 ■ RD7.5E8-B
 D603 8-719-911-19 ■ 18S119
 D604 8-719-911-19 ■ 18S119

D701 8-719-911-19 ■ 18S119
 D702 8-719-911-19 ■ 18S119
 D703 8-719-109-99 ■ RD7.5E8-B
 D704 8-719-911-19 ■ 18S119
 D705 8-719-911-19 ■ 18S119
 D706 8-719-911-19 ■ 18S119

IC101 8-752-006-00 ■ CX20060(SONY)
 IC102 8-743-915-10 ■ BK-3915A(SONY)
 13)IC103 8-759-202-74 ■ TC74HC04P(TOSHIBA)
 14)IC103 8-759-916-14 ■ SN74HC04P(TI)
 IC104 8-759-345-38 ■ TC4053BP(TOSHIBA)

IC105 8-759-240-53 ■ TC4053BP(TOSHIBA)
 IC106 8-759-345-38 ■ HD14538BP(TOSHIBA)
 IC107 8-759-205-76 ■ TC504013P(TOSHIBA)
 IC108 8-759-981-64 ■ LC248C08P(RAYTHEON)
 IC109 8-759-140-17 ■ UPD4017KC(TOSHIBA)

IC110 8-759-345-38 ■ HD14538BP(TOSHIBA)
 IC111 8-759-981-64 ■ LM2903D(RAYTHEON)
 IC112 8-759-140-17 ■ UPD4017KC(TOSHIBA)
 IC113 8-759-345-38 ■ HD14538BP(TOSHIBA)
 IC114 8-759-241-61 ■ TC40161BP(TOSHIBA)

IC115 8-759-240-71 ■ TC4071BP(TOSHIBA)
 IC116 8-759-345-38 ■ HD14538BP(TOSHIBA)
 13)IC117 8-759-202-14 ■ TC74HC08P(TOSHIBA)
 14)IC117 8-759-803-70 ■ LC748C08P(SANYO)
 IC118 8-759-205-76 ■ TC504013P(TOSHIBA)

IC119 8-759-345-38 ■ HD14538BP(TOSHIBA)
 IC120 8-759-938-68 ■ CXD1095QC(SONY)
 IC122 8-759-240-15 ■ TC4015BP(TOSHIBA)
 IC123 8-759-345-38 ■ HD14538BP(TOSHIBA)
 IC125 8-759-345-38 ■ HD14538BP(TOSHIBA)

Ref No. Parts No. SP Description

IC201 8-759-240-53 ■ TC4053BP(TOSHIBA)
 IC202 8-743-914-00 ■ BK-3914(SONY)
 IC203 8-759-981-90 ■ KC45589-B(RAYTHEON)
 13)IC204 8-759-202-17 ■ TC74HC14P(TOSHIBA)
 14)IC204 8-759-916-20 ■ SN74HC14P(TI)

IC205 8-759-240-53 ■ TC4053BP(TOSHIBA)
 IC206 8-759-345-38 ■ HD14538BP(TOSHIBA)
 IC207 8-759-240-01 ■ TC4001BP(TOSHIBA)
 IC208 8-759-240-23 ■ TC4023BP(TOSHIBA)
 IC209 8-759-240-53 ■ TC4053BP(TOSHIBA)

13)IC210 8-759-202-74 ■ TC74HC04P(TOSHIBA)
 14)IC210 8-759-916-14 ■ SN74HC04P(TI)
 IC211 8-759-245-10 ■ TC4510BP(TOSHIBA)
 IC212 8-759-240-01 ■ TC4001BP(TOSHIBA)
 IC213 8-759-240-82 ■ TC4082BP(TOSHIBA)

IC214 8-759-245-10 ■ TC4510BP(TOSHIBA)
 IC215 8-759-240-82 ■ TC4082BP(TOSHIBA)
 IC216 8-759-938-68 ■ CXD1095QC(SONY)
 14)IC217 8-759-803-70 ■ LC748C08P(SANYO)
 13)IC218 8-759-202-74 ■ TC74HC04P(TOSHIBA)

14)IC218 8-759-916-14 ■ SN74HC04P(TI)
 IC219 8-759-970-31 ■ RB88102H-367M
 IC301 8-752-806-91 ■ CXQ71054P(NEC)
 IC302 8-752-806-91 ■ CXQ71054P(NEC)
 IC303 8-752-806-91 ■ CXQ71054P(NEC)

IC304 8-752-806-91 ■ CXQ71054P(NEC)
 13)IC305 8-759-800-99 ■ MC74HC07AN(TOSHIBA)
 14)IC305 8-759-916-29 ■ SN74HC07AN(TI)
 IC306 8-759-240-24 ■ TC4024BP(TOSHIBA)
 13)IC307 8-759-202-74 ■ TC74HC04P(TOSHIBA)

14)IC307 8-759-916-14 ■ SN74HC04P(TI)
 IC308 8-759-938-83 ■ CF7707ANT(TI)
 IC309 8-759-938-83 ■ CF7707ANT(TI)
 IC310 8-759-938-83 ■ CF7707ANT(TI)
 IC311 8-759-240-30 ■ TC4030BP(TOSHIBA)

IC401 8-759-132-40 ■ UPC324C(NEC)
 IC402 8-759-240-52 ■ TC4052BP(TOSHIBA)
 IC403 8-759-240-52 ■ TC4052BP(TOSHIBA)
 13)IC404 8-759-901-29 ■ MS5612B-13RS(SONY)
 14)IC404 8-752-321-02 ■ CX5816PZP-15L(SONY)

IC405 8-759-785-08 ■ 27128-0950FV105-25(FUJITSU)
 13)IC406 8-759-203-35 ■ TC74HC13P(TOSHIBA)
 14)IC406 8-759-916-94 ■ SN74HC13P(TI)
 IC407 8-759-113-03 ■ UPD78310CN(NEC)
 IC408 8-759-917-43 ■ SN74HC138P(TI)

IC409 8-759-917-43 ■ SN74HC138P(TI)
 IC410 8-759-202-89 ■ UP74HC13P(TI)
 IC411 8-759-103-95 ■ UP648C(NEC)
 IC412 8-759-990-82 ■ TL0820P(TI)
 IC413 8-759-203-12 ■ TC74HC241P(TOSHIBA)

IC414 8-759-240-66 ■ TC4066BP(TOSHIBA)
 IC415 8-759-140-56 ■ TC4066BP(TOSHIBA)
 IC416 8-759-990-84 ■ TL084C(TI)
 IC417 8-759-990-84 ■ TL084C(TI)
 IC418 8-759-982-05 ■ RC78109A(RAYTHEON)

13)IC420 8-759-202-13 ■ TC74HC04P(TOSHIBA)
 14)IC420 8-759-903-69 ■ SN74HC04P(TI)
 IC422 8-759-203-68 ■ TC74HC040P(TOSHIBA)
 IC423 8-759-345-38 ■ HD14538BP(TOSHIBA)
 IC501 8-759-981-64 ■ LM2903D(RAYTHEON)

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

IC502 8-759-990-82 ■ TL082CP(TI)
 IC503 8-759-145-58 ■ UPC4558C(NEC)
 IC504 8-759-132-40 ■ UPC324C(NEC)
 IC505 8-759-240-53 ■ TC4053BP(TOSHIBA)
 IC506 8-759-981-64 ■ LM2903D(RAYTHEON)
 IC507 8-759-910-43 ■ CX23028(SONY)

IC509 8-759-345-38 ■ ND14538BP(TOSHIBA)
 IC510 8-759-981-64 ■ LM2903D(RAYTHEON)
 IC511 8-759-981-64 ■ LM2903D(RAYTHEON)
 IC512 8-759-345-38 ■ ND14538BP(TOSHIBA)
 IC513 8-759-902-21 ■ SN74LS221N(TI)

IC514 8-759-990-82 ■ TL082CP(TI)
 IC515 8-759-990-82 ■ TL082CP(TI)
 IC516 8-759-938-68 ■ CD1095Q(SONY)
 1) IC601 8-759-132-40 ■ UPC324C(NEC)
 2) IC601 8-759-990-84 ■ TL0840C(TI)

IC602 8-759-132-40 ■ UPC324C(NEC)
 IC603 8-759-145-58 ■ UPC4558C(NEC)
 1) IC604 8-759-132-40 ■ UPC324C(NEC)
 2) IC604 8-759-990-84 ■ TL0840C(TI)
 IC605 8-759-132-40 ■ UPC324C(NEC)

5) IC606 8-759-240-53 ■ TC4053BP(TOSHIBA)
 6) IC606 8-759-240-52 ■ TC4052BP(TOSHIBA)
 IC607 8-759-240-53 ■ TC4053BP(TOSHIBA)
 IC608 8-759-981-64 ■ LM2903D(RAYTHEON)
 IC609 8-759-981-64 ■ LM2903D(RAYTHEON)

IC610 8-759-910-43 ■ CX23028(SONY)
 IC701 8-759-990-82 ■ TL082CP(TI)
 IC702 8-759-990-82 ■ TL082CP(TI)
 IC703 8-759-928-00 ■ CX7928(SONY)

L201 1-459-155-00 ■ (WITH CORE) 45
 L701 1-459-155-00 ■ (WITH CORE) 45
 L702 1-459-155-00 ■ (WITH CORE) 45
 L703 1-459-155-00 ■ (WITH CORE) 45
 L704 1-459-155-00 ■ (WITH CORE) 45

Q101 8-729-201-05 ■ 2SC2878-B
 Q102 8-729-201-05 ■ 2SC2878-B
 Q103 8-729-900-36 ■ DTC124ES
 Q104 8-729-900-36 ■ DTC124ES
 Q105 8-729-201-05 ■ 2SC2878-B

Q106 8-729-900-36 ■ DTC124ES
 Q201 8-729-900-36 ■ DTC124ES
 Q202 8-729-900-63 ■ DTA124ES
 Q203 8-729-178-54 ■ 2SC2785
 Q204 8-729-900-36 ■ DTC124ES

Q205 8-729-900-36 ■ DTC124ES
 Q206 8-729-900-36 ■ DTC124ES
 Q207 8-729-178-54 ■ 2SC2785
 Q301 8-729-900-36 ■ DTC124ES
 Q401 8-729-178-54 ■ 2SC2785

Q402 8-729-178-54 ■ 2SC2785
 Q403 8-729-178-54 ■ 2SC2785
 Q404 8-729-178-54 ■ 2SC2785
 Q405 8-729-117-54 ■ 2SA1175
 Q406 8-729-178-54 ■ 2SC2785

Q407 8-729-900-63 ■ DTA124ES
 Q408 8-729-900-36 ■ DTC124ES
 Q409 8-729-900-36 ■ DTC124ES
 Q410 8-729-900-36 ■ DTC124ES
 Q411 8-729-178-54 ■ 2SC2785

Q412 8-729-900-63 ■ DTA124ES
 Q501 8-729-900-36 ■ DTC124ES
 Q502 8-729-201-05 ■ 2SC2878-B
 Q503 8-729-201-05 ■ 2SC2878-B
 Q504 8-729-201-05 ■ 2SC2878-B

Ref No. Parts No. SP Description

Q505 8-729-201-05 ■ 2SC2878-B
 Q506 8-729-900-36 ■ DTC124ES
 Q507 8-729-900-36 ■ DTC124ES
 Q508 8-729-201-05 ■ 2SC2878-B
 Q509 8-729-201-05 ■ 2SC2878-B

Q510 8-729-900-36 ■ DTC124ES
 Q511 8-729-900-36 ■ DTC124ES
 5) Q501 8-729-900-36 ■ DTC124ES
 6) Q502 8-729-900-36 ■ DTC124ES
 Q503 8-729-900-63 ■ DTA124ES

Q504 8-729-201-05 ■ 2SC2878-B
 Q505 8-729-900-63 ■ DTA124ES
 Q506 8-729-201-05 ■ 2SC2878-B
 Q507 8-729-201-05 ■ 2SC2878-B
 Q508 8-729-201-05 ■ 2SC2878-B

Q509 8-729-201-05 ■ 2SC2878-B
 Q510 8-729-178-54 ■ 2SC2785
 Q511 8-729-178-54 ■ 2SC2785
 Q512 8-729-178-54 ■ 2SC2785
 Q513 8-729-900-36 ■ DTC124ES

Q701 8-729-178-54 ■ 2SC2785
 Q702 8-729-178-54 ■ 2SC2785
 Q703 8-729-178-54 ■ 2SC2785
 Q704 8-729-178-54 ■ 2SC2785
 Q705 8-729-178-54 ■ 2SC2785

Q706 8-729-900-63 ■ DTA124ES
 Q707 8-729-900-36 ■ DTC124ES

R118 1-247-849-00 ■ CARBON 5.6k 5% 1/6W
 R128 1-247-849-00 ■ CARBON 5.6k 5% 1/6W
 R172 1-247-887-00 ■ CARBON 220k 5% 1/6W
 R244 1-247-887-00 ■ CARBON 220k 5% 1/6W
 6) R441 1-247-885-00 ■ CARBON 180k 5% 1/4W

R450 1-247-887-00 ■ CARBON 220k 5% 1/6W
 R451 1-247-887-00 ■ CARBON 220k 5% 1/6W
 R452 1-247-883-00 ■ CARBON 150k 5% 1/6W
 R505 1-247-849-00 ■ CARBON 5.6k 5% 1/6W
 R516 1-247-849-00 ■ CARBON 5.6k 5% 1/6W

R530 1-247-895-00 ■ CARBON 470k 5% 1/6W
 R535 1-247-887-00 ■ CARBON 220k 5% 1/6W
 R541 1-247-891-00 ■ CARBON 330k 5% 1/6W
 R551 1-247-895-00 ■ CARBON 470k 5% 1/6W
 5) R557 1-247-895-00 ■ CARBON 470k 5% 1/6W

R566 1-247-887-00 ■ CARBON 220k 5% 1/6W
 R574 1-247-887-00 ■ CARBON 220k 5% 1/6W
 R582 1-247-887-00 ■ CARBON 220k 5% 1/6W
 R584 1-247-881-00 ■ CARBON 120k 5% 1/6W
 R589 1-247-887-00 ■ CARBON 220k 5% 1/6W

R601 1-247-747-11 ■ CARBON 470 5% 1/2W
 R602 1-247-747-11 ■ CARBON 470 5% 1/2W
 R610 1-247-883-00 ■ CARBON 150k 5% 1/6W
 5) R620 1-247-885-00 ■ CARBON 180k 5% 1/6W
 6) R620 1-247-887-00 ■ CARBON 220k 5% 1/4W

R621 1-247-891-00 ■ CARBON 330k 5% 1/6W
 5) R621 1-247-891-00 ■ CARBON 330k 5% 1/6W
 6) R621 1-247-895-00 ■ CARBON 470k 5% 1/4W
 1) R640 1-247-895-00 ■ CARBON 470k 5% 1/6W
 2) R640 1-247-887-00 ■ CARBON 220k 5% 1/6W

12) R640 1-247-883-00 ■ CARBON 150k 5% 1/4W
 5) R650 1-247-883-00 ■ CARBON 150k 5% 1/6W
 6) R650 1-247-885-00 ■ CARBON 180k 5% 1/4W
 12) R651 1-247-889-00 ■ CARBON 270k 5% 1/4W
 R658 1-247-887-00 ■ CARBON 220k 5% 1/6W

3) R740 1-532-685-00 ■ LINK, IC
 4) R740 1-532-675-00 ■ LINK, IC
 Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No.	Parts No.	SP	Description
3)	R741 1-532-685-00	■	LINK, IC
4)	R741 1-532-675-00	■	LINK, IC
3)	R742 1-532-685-00	■	LINK, IC
4)	R742 1-532-675-00	■	LINK, IC
3)	R743 1-532-685-00	■	LINK, IC
4)	R743 1-532-675-00	■	LINK, IC
6)	R744 1-247-887-00	■	CARBON 220K 5% 1/4W
	R800 1-247-895-00	■	CARBON 470K 5% 1/6W
	R809 1-247-895-00	■	CARBON 470K 5% 1/6W
	R810 1-247-895-00	■	CARBON 470K 5% 1/6W
5)	R857 1-247-887-00	■	CARBON 220K 5% 1/6W
5)	R858 1-247-883-00	■	CARBON 150K 5% 1/6W
	R859 1-247-895-00	■	CARBON 470K 5% 1/4W
12)	R800 1-247-895-00	■	CARBON 470K 5% 1/4W

R8201 1-231-411-00 ■ RESISTOR BLOCK 100K

1)	RV101 1-228-996-00	■	VAR, METAL GLAZE 47K
1)	RV102 1-228-996-00	■	VAR, METAL GLAZE 47K
	RV103 1-230-499-11	■	VAR, CARBON 100K
	RV104 1-230-499-11	■	VAR, CARBON 100K
	RV105 1-228-999-00	■	VAR, CARBON 470K

	RV106 1-228-999-00	■	VAR, CARBON 470K
	RV107 1-228-999-00	■	VAR, CARBON 470K
5)	RV401 1-228-993-00	■	VAR, CARBON 4.7K
	RV402 1-230-720-11	■	VAR, CARBON 4.7K
6)	RV401 1-228-999-00	■	VAR, METAL GLAZE 1K

	RV403 1-228-997-00	■	VAR, CARBON 100K
	RV404 1-228-997-00	■	VAR, CARBON 100K
6)	RV405 1-228-994-00	■	VAR, CARBON 10K
	RV501 1-237-517-21	■	VAR, METAL FILM 5K
	RV502 1-228-994-00	■	VAR, METAL GLAZE 10K

	RV503 1-228-994-00	■	VAR, METAL GLAZE 10K
	RV504 1-228-999-00	■	VAR, CARBON 470K
	RV505 1-228-996-00	■	VAR, CARBON 47K
1)	RV506 1-228-994-00	■	VAR, METAL GLAZE 10K
2)	RV506 1-228-995-00	■	VAR, METAL GLAZE 10K

	RV507 1-228-994-00	■	VAR, METAL GLAZE 10K
	RV601 1-228-994-00	■	VAR, METAL GLAZE 10K
	RV602 1-228-994-00	■	VAR, METAL GLAZE 10K
	RV603 1-228-994-00	■	VAR, METAL GLAZE 10K
	RV701 1-228-998-00	■	VAR, CARBON 220K
5)	RV702 1-228-998-00	■	VAR, CARBON 220K

11)	S201 1-552-782-00	■	DIP
12)	S201 1-570-623-11	■	DIP
	S202 1-552-509-00	■	DIP

X401 1-567-865-11 ■ VIBRATOR, CRYSTAL 12MHz

SW-170 BOARD

- 11) 1-622-737-11 ○ PRINTED CIRCUIT BOARD, SW-170
12) 1-622-737-12 ○ PRINTED CIRCUIT BOARD, SW-170

D1	8-719-800-86	■	TLG255
D2	8-719-800-86	■	TLG255
D3	8-719-800-86	■	TLG255
D4	8-719-800-89	■	TLX255
D5	8-719-800-89	■	TLX255
D6	8-719-800-89	■	TLX255

Ref No.	Parts No.	SP	Description
Q1	8-729-178-55	■	2SC2785-X
Q2	8-729-178-55	■	2SC2785-X
Q3	8-729-178-55	■	2SC2785-X

S1	1-516-994-00	■	LEVER SLIDE "VIDEO LEVEL"
S2	1-516-994-00	■	LEVER SLIDE "AUDIO LIMITER"
S3	1-516-963-00	■	LEVER SLIDE "AUDIO MONITOR"
S4	1-516-994-00	■	LEVER SLIDE "INPUT SELECT"
S5	1-516-994-00	■	LEVER SLIDE "REMOTE/LOCAL"

SW-171 BOARD

- 3) 1-622-738-11 ○ PRINTED CIRCUIT BOARD, SW-171
4) 1-622-738-12 ○ PRINTED CIRCUIT BOARD, SW-171

S1	1-554-481-00	■	SLIDE "CHARACTER"
S2	1-554-481-00	■	SLIDE "DOLBY NR"
S3	1-554-481-00	■	SLIDE "REMOTE/2"
23) S4	1-554-482-00	■	SLIDE "INT TPC/AUTO"
24) S4	1-571-908-11	■	SLIDE "INT TPC/AUTO"

SY-102A BOARD

A-6717-461-A ○ MOUNTED CIRCUIT BOARD, SY-102A

6) C1	1-124-236-00	■	ELECT 47 20X 16V
6) C2	1-124-236-00	■	ELECT 47 20X 16V
C3	1-124-445-00	■	ELECT 100 20X 16V
6) C5	1-124-236-00	■	ELECT 47 20X 16V
C6	1-161-379-00	■	CERAMIC 0.01 30X 16V
C7	1-131-351-00	■	TANTALUM 4.7 10X 35V
5) C8	1-123-611-00	■	ELECT 1 20X 50V
6) C8	1-124-255-00	■	ELECT 1 20X 50V
6) C10	1-124-236-00	■	ELECT 47 20X 16V
C11	1-124-245-00	■	ELECT 4.7 20X 16V
C12	1-107-169-00	■	NICA 100PF 5X 500V
C13	1-107-169-00	■	NICA 100PF 5X 500V
C14	1-161-379-00	■	CERAMIC 0.01 30X 16V
C15	1-161-379-00	■	CERAMIC 0.01 30X 16V
C16	1-161-379-00	■	CERAMIC 0.01 30X 16V
6) C17	1-162-210-31	■	CERAMIC 30PF 5X 50V
6) C18	1-162-210-31	■	CERAMIC 30PF 5X 50V
6) C19	1-124-236-00	■	ELECT 47 20X 16V
C20	1-161-379-00	■	CERAMIC 0.01 30X 16V
C21	1-161-379-00	■	CERAMIC 0.01 30X 16V
6) C22	1-124-236-00	■	ELECT 47 20X 16V
C23	1-161-379-00	■	CERAMIC 0.01 30X 16V
5) C27	1-123-611-00	■	ELECT 1 20X 50V
6) C27	1-124-255-00	■	ELECT 1 20X 50V
5) C28	1-124-247-00	■	ELECT 10 20X 25V
C28	1-124-240-00	■	ELECT 10 20X 25V
6) C29	1-124-236-00	■	ELECT 47 20X 16V
5) C30	1-123-611-00	■	ELECT 1 20X 50V
6) C30	1-124-255-00	■	ELECT 1 20X 50V
5) C31	1-161-855-00	■	CERAMIC 47PF 5X 50V
6) C31	1-102-106-00	■	CERAMIC 100PF 10X 50V
6) C35	1-162-215-31	■	CERAMIC 47PF 5X 50V
C36	1-161-379-00	■	CERAMIC 0.01 30X 16V
C37	1-161-379-00	■	CERAMIC 0.01 30X 16V
C38	1-161-379-00	■	CERAMIC 0.01 30X 16V

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

C39 1-161-379-00 # CERAMIC 0.01 30X 16V
 C40 1-161-379-00 # CERAMIC 0.01 30X 16V
 C41 1-161-379-00 # CERAMIC 0.01 30X 16V
 C42 1-161-379-00 # CERAMIC 0.01 30X 16V
 C43 1-161-379-00 # CERAMIC 0.01 30X 16V

C44 1-161-379-00 # CERAMIC 0.01 30X 16V
 5) C45 1-161-379-00 # CERAMIC 0.01 30X 16V
 5) C46 1-161-379-00 # CERAMIC 0.01 30X 16V
 5) C47 1-161-379-00 # CERAMIC 0.01 30X 16V
 C48 1-162-207-31 # CERAMIC 22PF 5X 50V

C49 1-162-207-31 # CERAMIC 22PF 5X 50V
 C51 1-124-245-00 # ELECT 4.7 20X 16V

CN558 1-506-701-11 # HEADER 10P

D2 8-719-911-19 # 1S8119
 D3 8-719-911-19 # 1S8119
 D4 8-719-911-19 # 1S8119
 D5 8-719-911-19 # 1S8119
 D6 8-719-911-19 # 1S8119

D7 8-719-911-19 # 1S8119
 D8 8-719-911-19 # 1S8119
 D9 8-719-911-19 # 1S8119
 D10 8-719-911-19 # 1S8119
 D11 8-719-911-19 # 1S8119

D12 8-719-911-19 # 1S8119
 D15 8-719-911-19 # 1S8119
 D16 8-719-911-19 # 1S8119
 D17 8-719-911-19 # 1S8119
 6) D18 8-719-911-19 # 1S8119

13) IC1 8-759-208-85 # TM2284C011AF(TOSHIBA)
 14) IC1 8-759-208-86 # TM2284C011AF-6(TOSHIBA)
 IC2 8-759-558-17 # 27C256-0950SV107
 13) IC3 8-752-321-03 # CXK38642M-1(O'SONY)
 14) IC3 8-752-326-10 # CXK38642P-1(O'SONY)

IC4 8-759-942-12 # MBH2212-25P(FUJITSU)
 IC5 8-759-916-84 # LMH084A(SNAP)
 IC6 8-759-938-68 # CXD1095Q(SONY)
 IC7 8-759-944-65 # MB88551 R-263M(FUJITSU)
 5) IC8 8-759-202-86 # TC74HC123P(TOSHIBA)

6) IC8 8-759-045-38 # MC145383CP(MOTOROLA)
 13) IC9 8-759-202-74 # TC74HC04P(TOSHIBA)
 14) IC9 8-759-916-14 # SN74HC04N(TOSHIBA)
 IC10 8-759-240-69 # TC4069UBP(TOSHIBA)
 IC11 8-759-202-85 # MC74HC126N(TI)

IC12 8-759-008-57 # MC34051P(MOTOROLA)
 IC13 8-759-202-21 # TC74HC32P(TI)
 IC14 8-759-202-89 # TC74HC139P(TI)
 IC15 8-759-145-58 # UPG4558C(NEC)
 IC16 8-759-981-64 # LM2903D(RAYTHEON)

IC17 8-759-202-21 # TC74HC32P(TI)
 13) IC18 8-759-202-17 # TC74HC14P(TOSHIBA)
 14) IC18 8-759-916-20 # SN74HC14N(TOSHIBA)

Q2 8-729-900-65 # 2AL44ES
 Q3 8-729-900-89 # DTC144ES
 Q4 8-729-900-89 # DTC144ES
 Q5 8-729-275-42 # 28C2754-Y
 Q6 8-729-275-42 # 28C2754-Y

Q7 8-729-178-55 # 28C2785-E
 Q8 8-729-178-55 # 28C2785-E
 Q9 8-729-900-89 # DTC144ES
 Q11 8-729-811-11 # 2SD1111

Ref No. Parts No. SP Description

R8 1-247-891-00 # CARBON 120k 5X 1/6W
 R44 1-247-887-00 # CARBON 220k 5X 1/6W
 R47 1-247-887-00 # CARBON 220k 5X 1/6W
 R86 1-247-849-00 # CARBON 5.6k 5X 1/6W
 R88 1-247-849-00 # CARBON 5.6k 5X 1/6W

5) RB1 1-235-005-00 # RESISTOR BLOCK 47K
 RB2 1-235-005-00 # RESISTOR BLOCK 47K
 RB3 1-231-410-00 # RESISTOR BLOCK 10K
 5) RB4 1-231-410-00 # RESISTOR BLOCK 10K
 5) RB5 1-235-005-00 # RESISTOR BLOCK 47K

RB6 1-235-109-00 # RESISTOR BLOCK 22K
 RB7 1-235-109-00 # RESISTOR BLOCK 22K
 5) RB8 1-235-109-00 # RESISTOR BLOCK 22K
 RB9 1-231-407-00 # RESISTOR BLOCK 2.2K
 RB10 1-231-410-00 # RESISTOR BLOCK 10K
 RB11 1-231-410-00 # RESISTOR BLOCK 10K

RV1 1-230-497-11 # VAR, CARBON 22k

X1 1-567-870-11 # VIBRATOR, CERAMIC 9.8MHz
 X2 1-567-132-00 # VIBRATOR, CERAMIC 8MHz

VR-48 BOARD

1-622-727-11 # PRINTED CIRCUIT BOARD, VR-48

C101 1-124-445-00 # ELECT 100 20X 16V
 C102 1-124-445-00 # ELECT 100 20X 16V
 C201 1-124-445-00 # ELECT 100 20X 16V
 C202 1-124-445-00 # ELECT 100 20X 16V

IC1 8-759-982-02 # RC4562D-D(RAYTHEON)
 IC2 8-759-982-02 # RC4562D-D(RAYTHEON)

RV1 1-230-339-11 # VAR, VAR, CARBON 100k
 RV2 1-237-715-11 # VAR, VAR, CARBON 10k
 RV3 1-237-714-11 # VAR, VAR, CARBON 5k/5k
 RV4 1-237-714-11 # VAR, VAR, CARBON 5k/5k

VR-49 BOARD

1-622-731-11 # PRINTED CIRCUIT BOARD, VR-49

R11 1-249-406-11 # CARBON 120 5X 1/6W
 R12 1-249-406-11 # CARBON 120 5X 1/6W

RV11 1-228-218-00 # VAR, CARBON 500/500

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

SWITCHING REGULATOR UR-21

A-413-307-24 ■ SWITCHING REGULATOR UR-21B

A-562-285-11 ■ HOUSING 4P

M201 1-541-431-31 ■ DC FAN

UR-21 C1 BOARD

A-4925-216-A ■ MOUNTED CIRCUIT BOARD, UR-21 C1

C51 1-161-925-91 ■ CERAMIC 100PF 10X 500V
 C52 1-161-925-91 ■ CERAMIC 100PF 10X 500V
 C53 1-131-458-51 ■ TANTAL 1.5 20X 16V
 C55 1-130-018-51 ■ FILM 0.001 5X 50V
 C56 1-130-528-51 ■ TEREPHTHALATE 0.1 10X 50V
 C57 1-130-506-91 ■ TEREPHTHALATE 0.0015 10X 50V
 C59 1-130-528-51 ■ TEREPHTHALATE 0.1 10X 50V
 C61 1-124-924-91 ■ ELECT 1 20X 100V

CR52 1-564-352-11 ■ PIN, 7P
 CR53 1-564-352-11 ■ PIN, 7P

D51 1-807-913-21 ■ 11EQS04
 D52 1-807-913-21 ■ 11EQS04
 D53 1-807-913-21 ■ 11EQS04
 D54 1-807-913-21 ■ 11EQS04
 D55 8-719-911-19 ■ 1SS119
 D56 8-719-911-19 ■ 1SS119
 D57 8-719-109-93 ■ RD6-2ES-33
 D58 8-719-107-87 ■ THYRISTOR 03P2M
 D59 8-719-911-19 ■ 1SS119
 D60 8-719-911-19 ■ 1SS119

D61 8-719-911-19 ■ 1SS119
 D62 8-719-911-19 ■ 1SS119
 D63 8-719-109-75 ■ RD4.3ES-82

IC51 8-759-937-59 ■ MC3759(FDJT5U)
 IC52 8-759-103-93 ■ UFG393C(NEC)

L51 1-410-466-21 ■ MICRO 4.7

Q51 8-729-208-04 ■ 2SK422
 Q52 8-729-208-04 ■ 2SK422
 Q53 8-729-117-54 ■ 2SA1175
 Q54 8-729-178-54 ■ 2BC2785
 Q55 8-729-117-54 ■ 2SA1175

Ref No. Parts No. SP Description

R51 1-247-817-91 ■ CARBON 270 5X 1/4W
 R52 1-247-829-91 ■ CARBON 820 5X 1/4W
 R53 1-247-825-91 ■ CARBON 560 5X 1/4W
 R54 1-247-825-91 ■ CARBON 560 5X 1/4W
 R55 1-215-445-91 ■ METAL 10K 1X 1/6W

R56 1-247-903-91 ■ CARBON 1M 5X 1/4W
 R57 1-247-823-91 ■ CARBON 470 5X 1/4W
 R58 1-247-875-91 ■ CARBON 68K 5X 1/4W
 R60 1-247-835-91 ■ CARBON 1.5K 5X 1/4W
 R61 1-247-849-91 ■ CARBON 5.6K 5X 1/4W

R62 1-247-831-91 ■ CARBON 1K 5X 1/4W
 R63 1-247-839-91 ■ CARBON 2.2K 5X 1/4W
 R64 1-247-847-91 ■ CARBON 4.7K 5X 1/4W
 R65 1-247-847-91 ■ CARBON 4.7K 5X 1/4W
 R66 1-247-869-91 ■ CARBON 39K 5X 1/4W

R67 1-247-839-91 ■ CARBON 2.2K 5X 1/4W
 R68 1-247-833-91 ■ CARBON 8.2K 5X 1/4W
 R69 1-247-831-91 ■ CARBON 1K 5X 1/4W
 R70 1-247-849-91 ■ CARBON 5.6K 5X 1/4W
 R71 1-247-831-91 ■ CARBON 1K 5X 1/4W

R72 1-247-843-91 ■ CARBON 3.3K 5X 1/4W
 R73 1-247-841-91 ■ CARBON 2.7K 5X 1/4W
 R74 1-247-843-91 ■ CARBON 3.3K 5X 1/4W
 R75 1-247-843-91 ■ CARBON 3.3K 5X 1/4W
 R76 1-247-839-91 ■ CARBON 2.2K 5X 1/4W

R77 1-247-839-91 ■ CARBON 2.2K 5X 1/4W
 R78 1-247-839-91 ■ CARBON 2.2K 5X 1/4W
 R79 1-247-849-91 ■ CARBON 5.6K 5X 1/4W
 R80 1-247-855-91 ■ CARBON 10K 5X 1/4W
 R81 1-247-847-91 ■ CARBON 4.7K 5X 1/4W

R82 1-247-865-91 ■ CARBON 27K 5X 1/4W
 R83 1-247-857-91 ■ CARBON 12K 5X 1/4W
 R84 1-247-821-91 ■ CARBON 390 5X 1/4W
 R85 1-247-831-91 ■ CARBON 1K 5X 1/4W

RV51 1-228-990-11 ■ VAR, METAL GLAZE 1K

UR-21 C2 BOARD

C51 1-161-925-91 ■ CERAMIC 100PF 10X 500V
 C52 1-161-925-91 ■ CERAMIC 100PF 10X 500V
 C53 1-131-458-51 ■ TANTAL 1.5 20X 16V
 C55 1-130-018-51 ■ FILM 0.001 5X 50V
 C56 1-130-528-51 ■ TEREPHTHALATE 0.1 10X 50V

C57 1-130-506-91 ■ TEREPHTHALATE 0.0015 10X 50V
 C59 1-130-528-51 ■ TEREPHTHALATE 0.1 10X 50V

CR52 1-564-352-11 ■ PIN, 7P
 CR53 1-564-352-11 ■ PIN, 7P

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

D51 1-807-913-21 ■ 11EQ804
 D52 1-807-913-21 ■ 11EQ804
 D53 1-807-913-21 ■ 11EQ804
 D54 1-807-913-21 ■ 11EQ804
 D55 1-719-911-19 ■ 1S8119

D56 1-719-911-19 ■ 1S8119
 D57 8-719-112-98 ■ RD15ES-T1B2
 D58 8-719-108-87 ■ 03P2M
 D59 8-719-911-19 ■ 1S8119
 D60 8-719-911-19 ■ 1S8119

D61 8-719-911-19 ■ 1S8119
 D62 8-719-911-19 ■ 1S8119
 D63 8-719-112-73 ■ RD11ES-T1B2

IC51 8-759-937-59 ■ MB3759(FUJITSU)
 IC52 8-759-103-93 ■ UPC393C(NEC)

L51 1-410-466-21 ■ MICRO 4.7

Q51 8-729-208-04 ■ 2SK422
 Q52 8-729-208-04 ■ 2SK422
 Q53 8-729-117-54 ■ 2SA1175
 Q54 8-729-178-54 ■ 2SC2785
 Q55 8-729-117-54 ■ 2SA1175

R51 1-247-813-91 ■ CARBON 180 Ω 1/4W
 R52 1-247-829-91 ■ CARBON 820 Ω 1/4W
 R53 1-247-825-91 ■ CARBON 560 Ω 1/4W
 R54 1-247-825-91 ■ CARBON 560 Ω 1/4W
 R55 1-215-445-91 ■ METAL 10K 1/16W

R56 1-247-903-91 ■ CARBON 1M Ω 1/4W
 R57 1-247-823-91 ■ CARBON 470 Ω 1/4W
 R58 1-247-877-91 ■ CARBON 62K Ω 1/4W
 R60 1-247-813-91 ■ CARBON 7.5K Ω 1/4W
 R61 1-247-849-91 ■ CARBON 27K Ω 1/4W

R62 1-247-835-91 ■ CARBON 1.5K Ω 1/4W
 R63 1-247-839-91 ■ CARBON 2.2K Ω 1/4W
 R64 1-247-865-91 ■ CARBON 4.7K Ω 1/4W
 R65 1-247-867-91 ■ CARBON 4.7K Ω 1/4W
 R66 1-247-869-91 ■ CARBON 39K Ω 1/4W

R68 1-247-853-91 ■ CARBON 8.2K Ω 1/4W
 R69 1-247-831-91 ■ CARBON 1K Ω 1/4W
 R70 1-247-849-91 ■ CARBON 5.6K Ω 1/4W
 R71 1-247-831-91 ■ CARBON 1K Ω 1/4W
 R72 1-247-843-91 ■ CARBON 3.3K Ω 1/4W

R73 1-247-841-91 ■ CARBON 2.7K Ω 1/4W
 R74 1-247-855-91 ■ CARBON 10K Ω 1/4W
 R75 1-247-835-91 ■ CARBON 10K Ω 1/4W
 R76 1-247-839-91 ■ CARBON 2.2K Ω 1/4W
 R77 1-247-855-91 ■ CARBON 10K Ω 1/4W

R78 1-247-847-91 ■ CARBON 4.7K Ω 1/4W
 R79 1-247-863-91 ■ CARBON 22K Ω 1/4W
 R80 1-247-835-91 ■ CARBON 10K Ω 1/4W
 R81 1-247-849-91 ■ CARBON 5.6K Ω 1/4W
 R83 1-247-843-91 ■ CARBON 3.3K Ω 1/4W

Ref No. Parts No. SP Description

R84 1-247-847-91 ■ CARBON 4.7K Ω 1/4W
 R85 1-247-831-91 ■ CARBON 1K Ω 1/4W

RV51 1-228-990-11 ■ VAR, METAL GLAZE 1K

UR-21 MI BOARD

A-4925-214-A o MOUNTED CIRCUIT BOARD, UR-21 MI

C101 1-136-564-11 ■ CERAMIC 1000PF 10X 500V
 C102 1-136-564-11 ■ CERAMIC 1000PF 10X 500V
 C104 1-125-477-11 ■ ELECT 470 20X 400V
 C105 1-125-477-11 ■ ELECT 470 20X 400V
 C106 1-161-915-11 ■ CERAMIC 1000PF 10X 500V

C107 1-161-915-11 ■ CERAMIC 1000PF 10X 500V
 C203 1-161-915-11 ■ CERAMIC 1000PF 10X 500V
 C204 1-161-915-11 ■ CERAMIC 1000PF 10X 500V
 C205 1-124-436-51 ■ ELECT 3300 20X 25V
 C206 1-130-516-91 ■ TEREPHTHALATE 0.01 10X 50V

C209 1-124-891-51 ■ ELECT 10000 20X 6.3V
 C211 1-130-772-21 ■ METAL 0.22 10X 63V
 C212 1-124-621-51 ■ ELECT 3300 20X 6.3V
 C213 1-130-772-21 ■ METAL 0.22 10X 63V
 C214 1-124-585-51 ■ ELECT 3300 20X 10V

C221 1-130-516-91 ■ TEREPHTHALATE 0.015 10X 50V
 C222 1-130-524-51 ■ TEREPHTHALATE 0.047 10X 50V
 C223 1-130-524-51 ■ TEREPHTHALATE 0.047 10X 50V
 C227 1-124-120-51 ■ ELECT 220 20X 25V
 C228 1-130-772-21 ■ METAL 0.22 10X 63V

C229 1-130-772-21 ■ METAL 0.22 10X 63V
 C230 1-130-772-21 ■ METAL 0.22 10X 63V

△ C101 1-564-242-11 o 5P

CN201 1-564-932-11 ■ 9P
 CN202 1-560-893-11 o 5P
 CN203 1-560-299-11 o 2P
 CN204 1-560-890-21 o 2P

D101 8-719-109-75 ■ RD4.3ES-B2
 D102 8-719-912-20 ■ 1S8120
 D103 1-807-913-21 ■ 11EQ804
 D104 1-807-913-21 ■ 11EQ804
 D201 1-807-774-21 ■ AD02A

D202 8-719-109-85 ■ RD5.1ES-B2
 D203 8-719-109-85 ■ RD5.1ES-B2
 D204 8-719-911-19 ■ 1S8119
 L205 8-719-200-01 ■ 10E-1
 L206 8-719-200-01 ■ 10E-1

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

D207 1-807-911-11 ■ F10P40F
 D208 8-719-200-01 ■ 10E-1
 D209 8-719-200-01 ■ 10E-1
 D210 8-719-302-60 ■ PM-32S
 D211 1-807-963-21 ■ 31DP2

D212 1-807-963-21 ■ 31DP2
 D213 8-719-110-13 ■ RD9.1ES-B2
 D214 1-807-911-21 ■ F10P40YR
 D215 8-719-912-20 ■ 1S8120
 D216 8-719-912-20 ■ 1S8120

D220 8-719-200-01 ■ 10E-1
 D222 8-719-200-01 ■ 10E-1

FB201 1-543-060-11 ■
 FB202 1-543-060-11 ■
 FB203 1-543-060-11 ■
 FB204 1-543-060-11 ■
 FB205 1-543-060-11 ■

FB206 1-543-060-11 ■

IC101 1-807-814-11 ■ B-527Z(JRM)
 IC201 8-759-135-80 ■ DFC35BC(NEG)
 IC202 8-759-077-33 ■ TL431CLP(TL)
 IC203 8-759-077-33 ■ TL431CLP(TL)

L201 A-4935-038-A ■ CHOKE
 L202 1-421-459-21 ■ CHOKE
 L203 A-4935-037-A ■ CHOKE
 L204 1-421-459-21 ■ CHOKE
 L205 1-421-734-11 ■ CHOKE

L206 1-421-459-21 ■ CHOKE
 L207 1-421-459-21 ■ CHOKE

PS101 1-532-605-11 ■ LINK, 1C
 PS102 1-532-605-11 ■ LINK, 1C
 PS201 1-532-605-11 ■ LINK, 1C

Q101 1-807-858-11 ■ IREP451
 Q102 1-807-858-11 ■ IREP451
 Q103 8-729-113-32 ■ 2S8733
 Q104 8-729-113-32 ■ 2S8733
 Q201 8-729-103-43 ■ 2S8734

Q202 8-729-178-54 ■ 28C2785
 Q203 8-729-178-54 ■ 28C2785
 Q204 8-729-178-54 ■ 28C2785
 Q205 1-807-914-11 ■ 2SA1443
 Q206 8-729-177-43 ■ 28B774

Q207 1-807-914-11 ■ 2SA1443
 Q208 8-729-117-54 ■ 2SA1175
 Q209 1-807-195-11 ■ 28C3692
 Q210 8-729-178-54 ■ 28C2785

Ref No. Parts No. SP Description

R101 1-247-855-91 ■ CARBON 10K 5X 1/4W
 R102 1-246-473-75 ■ CARBON 1K 5X 1/4W

R103 1-247-692-51 ■ CARBON 22 5X 1/4W
 R104 1-247-692-51 ■ CARBON 22 5X 1/4W

R105 1-247-831-91 ■ CARBON 1K 5X 1/4W
 R106 1-247-831-91 ■ CARBON 1K 5X 1/4W

R107 1-205-622-11 ■ CEMENT 33 5X 5W

R201 1-247-849-91 ■ CARBON 5.6K 5X 1/4W
 R202 1-247-837-91 ■ CARBON 1.8K 5X 1/4W
 R203 1-246-445-75 ■ CARBON 68 5X 1/4W
 R204 1-247-855-91 ■ CARBON 10K 5X 1/4W
 R205 1-247-861-91 ■ CARBON 18K 5X 1/4W

R206 1-247-841-91 ■ CARBON 2.7K 5X 1/4W
 R207 1-247-849-91 ■ CARBON 5.6K 5X 1/4W
 R208 1-247-843-91 ■ CARBON 3.3K 5X 1/4W
 R209 1-247-831-91 ■ CARBON 1K 5X 1/4W

R210 1-205-623-11 ■ CEMENT 47 5X 5W
 R212 1-206-648-61 ■ FILM 220 5X 2W

R213 1-247-859-91 ■ CARBON 15K 5X 1/4W
 R214 1-247-855-91 ■ CARBON 10K 5X 1/4W
 R215 1-247-887-91 ■ CARBON 220K 5X 1/4W
 R216 1-215-451-91 ■ METAL 18K 1X 1/6W
 R217 1-215-435-91 ■ METAL 3.9K 1X 1/6W

R218 1-215-426-91 ■ METAL 1.6K 1X 1/6W
 R219 1-215-425-91 ■ METAL 1.5K 1X 1/6W

R220 1-213-137-61 ■ METAL 330 5X 1W

R221 1-246-441-75 ■ CARBON 47 5X 1/4W
 R222 1-247-831-01 ■ CARBON 1K 5X 1/4W
 R223 1-247-837-91 ■ CARBON 1.8K 5X 1/4W
 R224 1-247-835-91 ■ CARBON 1.5K 5X 1/4W

R225 1-213-135-61 ■ METAL 220 5X 1W

R226 1-247-841-91 ■ CARBON 2.7K 5X 1/4W
 R227 1-215-446-91 ■ METAL 11K 1X 1/6W
 R228 1-215-427-91 ■ METAL 1.8K 1X 1/6W
 R229 1-214-669-71 ■ METAL 3.3 1X 1/4W

R230 1-206-652-61 ■ METAL 330 5X 2W
 R231 1-206-652-61 ■ METAL 330 5X 2W

RV201 1-230-667-11 ■ VAR, CEMENT 500

ST201 1-571-055-71 ■ THERMAL SENSOR

T101 1-448-393-11 ■ CONVERTER
 T102 A-4935-035-A ■ CONVERTER
 T103 1-421-819-11 ■ CURRENT
 T104 1-437-188-11 ■ DRIVE
 T105 1-437-188-11 ■ DRIVE

T106 1-447-938-11 ■ CONVERTER

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

Ref No. Parts No. SP Description

UR-21 M2 BOARD**AA-4925-215-A** o MOUNTED CIRCUIT BOARD, UR-21 M2

ΔC151	1-136-185-12	o	FILM	0.22	20X	250V
C152	1-136-185-12	o	FILM	0.22	20X	250V

C154	1-136-185-12	o	FILM	0.22	20X	250V
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ΔC155	1-161-742-12	o	CERAMIC	2200PF	20X	400V
C156	1-161-742-12	o	CERAMIC	2200PF	20X	400V
C157	1-161-742-12	o	CERAMIC	2200PF	20X	400V
C158	1-161-742-12	o	CERAMIC	2200PF	20X	400V
C159	1-161-742-12	o	CERAMIC	2200PF	20X	400V

C161	1-136-564-11	o	FILM	1.8	10X	250V
C162	1-136-564-11	o	FILM	1.8	10X	250V
C163	1-161-915-11	o	CERAMIC	1000PF	10X	500V
C164	1-161-915-11	o	CERAMIC	1000PF	10X	500V

ΔC165	1-161-742-12	o	CERAMIC	2200PF	20X	400V
C166	1-161-742-12	o	CERAMIC	2200PF	20X	400V
C167	1-161-742-12	o	CERAMIC	2200PF	20X	400V

C251	1-161-915-11	o	CERAMIC	1000PF	10X	500V
C252	1-161-915-11	o	CERAMIC	1000PF	10X	500V
C253	1-124-556-51	o	ELECT	2200	20X	16V
C254	1-124-555-51	o	ELECT	1000	20X	16V
C255	1-124-923-91	o	ELECT	0.47	20X	100V

C256	1-124-898-51	o	ELECT	4700	20X	16V
C257	1-124-898-51	o	ELECT	4700	20X	16V
C258	1-124-898-51	o	ELECT	4700	20X	16V
C260	1-124-563-51	o	ELECT	2200	20X	25V
C263	1-130-518-91	o	TEREPHTHALATE	0.015	10X	50V

C264	1-130-524-91	o	TEREPHTHALATE	0.047	10X	50V
C265	1-130-524-91	o	TEREPHTHALATE	0.047	10X	50V
C268	1-130-772-21	o	FILM	0.22	10X	63V
C269	1-130-772-21	o	FILM	0.22	10X	63V
C270	1-130-772-21	o	FILM	0.22	10X	63V

ΔCNI151 1-564-213-11 o PIN, 4P

CN251	1-566-313-11	o	PIN, 7P
CN252	1-560-893-11	o	PIN, 5P
CN253	1-560-890-21	o	PIN, 2P

Ref No. Parts No. SP Description

ΔD151 1-807-907-11 o KNO88JLM

D153	1-807-913-21	o	11RQ804
D154	1-807-913-21	o	11RQ804
D251	1-807-909-11	o	F10P201
D252	1-807-921-11	o	FWC-348
D253	1-807-911-21	o	F10P40 FR

D254	8-719-109-97	o	RD6.8ES-B2
D255	8-719-912-00	o	1S8120
D256	8-719-912-00	o	1S8120
D257	8-719-200-01	o	10X-1
D258	8-719-911-19	o	1S8119
D260	8-719-912-20	o	1S8120

ΔF151 1-532-604-21 o FUSE, 250V 3A

FB251	1-543-060-11	o	
FB252	1-543-060-11	o	
FB253	1-543-060-11	o	
FB254	1-543-060-11	o	
FB255	1-543-060-11	o	
FB256	1-543-060-11	o	

IC251 8-759-007-33 o TL431CLP(TI)

ΔL151	1-421-590-11	o	LINE FILTER
L152	1-421-978-11	o	LINE FILTER

L251	A-4933-039-A	o	CHOKO
L252	1-421-459-21	o	CHOKO
L253	1-421-734-11	o	CHOKO

L254	1-408-322-11	o	CHOKO
L255	1-421-459-21	o	CHOKO
L512	1-421-978-11	o	LINE FILTER

Q151	1-807-858-11	o	1RE451
Q152	1-807-858-11	o	1RE451
Q153	8-729-113-32	o	28B733
Q154	8-729-113-32	o	28B733
Q251	8-729-178-54	o	28C2785

Q252	1-807-195-11	o	28C3692
Q253	8-729-178-54	o	28C2785

R151 1-202-727-11 o SOLID 4.7M 10X 1/2W

ΔR152	1-205-915-11	o	WIREWOUND 4.7 10X 7W
R153	1-205-915-11	o	WIREWOUND 4.7 10X 7W
R154	1-247-692-51	o	CARBON 22 5X 1/4W
R155	1-247-692-51	o	CARBON 22 5X 1/4W

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

UR-21(M2),FRAME

Ref No. Parts No. SP Description

R156 1-247-831-91 # CARBON 1K 5K 1/4W
R157 1-247-831-91 # CARBON 1K 5K 1/4W

A R158 1-205-652-11 # CEMENT 68 5K 5W
R251 1-205-622-11 # CEMENT 33 5K 5W

R252 1-247-835-91 # CARBON 1.5K 5K 1/4W

R253 1-247-855-91 # CARBON 10K 5K 1/4W

A R254 1-213-135-61 # FILM 220 5K 1W

R255 1-247-839-91 # CARBON 2.2K 5K 1/4W

R256 1-247-843-91 # CARBON 3.3K 5K 1/4W

R257 1-247-859-91 # CARBON 15K 5K 1/4W

R258 1-214-669-71 # FILM 3.3 1K 1/4W

A R259 1-206-652-61 # FILM 330 5K 2W
R260 1-206-652-61 # FILM 330 5K 2W

RV251 1-230-668-11 # VAR, CERMET 1K

A RY151 1-515-662-11 # POWER

ST251 1-571-055-71 # THERMAL SENSOR

A T151 A-4935-036-A # CONVERTER
T152 1-421-819-11 # CURRENT
T153 1-437-188-11 # DRIVE
T154 1-437-188-11 # DRIVE

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".

S/N 18731 AND HIGHER

Ref No. Parts No. SP Description

SV-113C BOARD

A-6715-429-A o MOUNTED CIRCUIT BOARD, SV-113C

C101	1-126-157-11	■	ELECT	10	20X 16V
C102	1-124-234-00	■	ELECT	22	20X 16V
C107	1-161-494-00	■	CERAMIC	0.022	25V
C111	1-162-290-31	■	CERAMIC	470PF	10X 50V
C114	1-162-282-31	■	CERAMIC	100PF	10X 50V
C116	1-162-290-31	■	CERAMIC	470PF	10X 50V
C204	1-126-094-11	■	ELECT	4.7	20X 25V
C205	1-161-379-00	■	CERAMIC	0.01	30X 16V
C206	1-162-282-31	■	CERAMIC	100PF	10X 50V
C208	1-126-094-11	■	ELECT	4.7	20X 25V
C210	1-161-379-00	■	CERAMIC	0.01	30X 16V
C211	1-162-282-31	■	CERAMIC	100PF	10X 50V
C212	1-124-438-00	■	ELECT	1	20X 50V
C214	1-126-157-11	■	ELECT	10	20X 16V
C216	1-162-213-31	■	CERAMIC	39PF	5X 50V
C218	1-124-438-00	■	ELECT	1	20X 50V
C220	1-126-157-11	■	ELECT	10	20X 16V
C221	1-162-213-31	■	CERAMIC	39PF	5X 50V
C224	1-124-438-00	■	ELECT	1	20X 50V
C226	1-126-157-11	■	ELECT	10	20X 16V
C227	1-162-213-31	■	CERAMIC	39PF	5X 50V
C232	1-162-288-31	■	CERAMIC	330PF	10X 50V
C233	1-162-288-31	■	CERAMIC	330PF	10X 50V
C234	1-162-290-31	■	CERAMIC	470PF	10X 50V
C235	1-162-290-31	■	CERAMIC	470PF	10X 50V
C301	1-161-494-00	■	CERAMIC	0.022	25V
C302	1-161-494-00	■	CERAMIC	0.022	25V
C303	1-161-494-00	■	CERAMIC	0.022	25V
C304	1-126-157-11	■	ELECT	10	20X 16V
C305	1-124-438-00	■	ELECT	1	20X 50V
C306	1-124-438-00	■	ELECT	1	20X 50V
C310	1-162-290-31	■	CERAMIC	470PF	10X 50V
C311	1-124-234-00	■	ELECT	22	20X 16V
C312	1-124-234-00	■	ELECT	22	20X 16V
C313	1-124-234-00	■	ELECT	22	20X 16V
C314	1-124-465-00	■	ELECT	0.47	20X 50V
C317	1-162-286-31	■	CERAMIC	220PF	10X 50V
C326	1-126-157-11	■	ELECT	10	20X 16V
C327	1-161-494-00	■	CERAMIC	0.022	25V
C328	1-126-157-11	■	ELECT	10	20X 16V
C333	1-161-494-00	■	CERAMIC	0.022	25V
C337	1-162-294-31	■	CERAMIC	0.001	10X 50V
C338	1-162-294-31	■	CERAMIC	0.001	10X 50V
C339	1-162-294-31	■	CERAMIC	0.001	10X 50V
C340	1-162-294-31	■	CERAMIC	0.001	10X 50V
C341	1-162-294-31	■	CERAMIC	0.001	10X 50V
C343	1-162-294-31	■	CERAMIC	0.001	10X 50V

Ref No. Parts No. SP Description

C345	1-162-288-31	■	CERAMIC	330PF	10X 50V
C346	1-126-157-11	■	ELECT	10	20X 16V
C401	1-161-377-00	■	CERAMIC	0.0047	30X 16V
C402	1-161-377-00	■	CERAMIC	0.0047	30X 16V
C403	1-126-157-11	■	ELECT	10	20X 16V
C404	1-161-494-00	■	CERAMIC	0.022	25V
C405	1-161-494-00	■	CERAMIC	0.022	25V
C406	1-162-294-31	■	CERAMIC	0.001	10X 50V
C407	1-162-294-31	■	CERAMIC	0.001	10X 50V
C409	1-162-294-31	■	CERAMIC	0.001	10X 50V
C410	1-161-494-00	■	CERAMIC	0.022	25V
C411	1-126-157-11	■	ELECT	10	20X 16V
C412	1-126-157-11	■	ELECT	10	20X 16V
C503	1-162-282-31	■	CERAMIC	100PF	10X 50V
C504	1-162-282-31	■	CERAMIC	100PF	10X 50V
C505	1-162-282-31	■	CERAMIC	100PF	10X 50V
C506	1-161-377-00	■	CERAMIC	0.047	30X 16V
C512	1-162-282-31	■	CERAMIC	100PF	10X 50V
C513	1-161-377-00	■	CERAMIC	0.047	30X 16V
C514	1-162-282-31	■	CERAMIC	100PF	10X 50V
C515	1-162-282-31	■	CERAMIC	100PF	10X 50V
C516	1-124-465-00	■	ELECT	0.47	20X 50V
C517	1-124-465-00	■	ELECT	0.47	20X 50V
C603	1-162-290-31	■	CERAMIC	470PF	10X 50V
C604	1-124-257-00	■	ELECT	2.2	20X 50V
C610	1-161-494-00	■	CERAMIC	0.022	25V
C702	1-126-103-11	■	ELECT	470	20X 16V
C704	1-126-103-11	■	ELECT	470	20X 16V
C705	1-161-494-00	■	CERAMIC	0.022	25V
C706	1-161-494-00	■	CERAMIC	0.022	25V
C707	1-161-494-00	■	CERAMIC	0.022	25V
C708	1-161-494-00	■	CERAMIC	0.022	25V
C709	1-161-494-00	■	CERAMIC	0.022	25V
C710	1-161-494-00	■	CERAMIC	0.022	25V
C711	1-161-494-00	■	CERAMIC	0.022	25V
C714	1-161-494-00	■	CERAMIC	0.022	25V
C715	1-161-494-00	■	CERAMIC	0.022	25V
C716	1-161-494-00	■	CERAMIC	0.022	25V
C717	1-161-494-00	■	CERAMIC	0.022	25V
C718	1-161-494-00	■	CERAMIC	0.022	25V
C719	1-161-494-00	■	CERAMIC	0.022	25V
C720	1-161-494-00	■	CERAMIC	0.022	25V
C721	1-161-494-00	■	CERAMIC	0.022	25V
C722	1-161-494-00	■	CERAMIC	0.022	25V
C723	1-161-494-00	■	CERAMIC	0.022	25V
C724	1-161-494-00	■	CERAMIC	0.022	25V
C726	1-161-494-00	■	CERAMIC	0.022	25V
C727	1-161-494-00	■	CERAMIC	0.022	25V
C728	1-161-494-00	■	CERAMIC	0.022	25V
C729	1-161-494-00	■	CERAMIC	0.022	25V
C730	1-161-494-00	■	CERAMIC	0.022	25V
C731	1-161-494-00	■	CERAMIC	0.022	25V
C732	1-161-494-00	■	CERAMIC	0.022	25V
C733	1-161-494-00	■	CERAMIC	0.022	25V
C734	1-161-494-00	■	CERAMIC	0.022	25V
C735	1-161-494-00	■	CERAMIC	0.022	25V
C736	1-161-494-00	■	CERAMIC	0.022	25V
C737	1-161-494-00	■	CERAMIC	0.022	25V

Ref No.	Parts No.	SP	Description		Ref No.	Parts No.	SP	Description
C738	1-161-494-00	a	CERAMIC 0.022	25V	D309	8-719-911-19	a	1S8119
C739	1-161-494-00	a	CERAMIC 0.022	25V	D310	8-719-911-19	a	1S8119
C740	1-161-494-00	a	CERAMIC 0.022	25V	D311	8-719-911-19	a	1S8119
C741	1-161-494-00	a	CERAMIC 0.022	25V	D312	8-719-911-19	a	1S8119
C742	1-161-494-00	a	CERAMIC 0.022	25V	D313	8-719-911-19	a	1S8119
C743	1-161-494-00	a	CERAMIC 0.022	25V	D314	8-719-911-19	a	1S8119
C744	1-161-494-00	a	CERAMIC 0.022	25V	D315	8-719-911-19	a	1S8119
C745	1-161-494-00	a	CERAMIC 0.022	25V	D316	8-719-911-19	a	1S8119
C746	1-161-494-00	a	CERAMIC 0.022	25V	D317	8-719-911-19	a	1S8119
C747	1-161-494-00	a	CERAMIC 0.022	25V	D318	8-719-911-19	a	1S8119
C748	1-161-494-00	a	CERAMIC 0.022	25V	D319	8-719-911-19	a	1S8119
C749	1-161-494-00	a	CERAMIC 0.022	25V	D320	8-719-911-19	a	1S8119
C750	1-161-494-00	a	CERAMIC 0.022	25V	D321	8-719-812-31	a	TLR123
C751	1-161-494-00	a	CERAMIC 0.022	25V	D322	8-719-911-19	a	1S8119
C752	1-161-494-00	a	CERAMIC 0.022	25V	D323	8-719-911-19	a	1S8119
C753	1-161-494-00	a	CERAMIC 0.022	25V	D326	8-719-911-19	a	1S8119
C754	1-161-494-00	a	CERAMIC 0.022	25V	D327	8-719-911-19	a	1S8119
C755	1-161-494-00	a	CERAMIC 0.022	25V	D401	8-719-911-19	a	1S8119
C756	1-161-494-00	a	CERAMIC 0.022	25V	D402	8-719-911-19	a	1S8119
C757	1-161-494-00	a	CERAMIC 0.022	25V	D403	8-719-911-19	a	1S8119
C758	1-161-494-00	a	CERAMIC 0.022	25V	D404	8-719-911-19	a	1S8119
C759	1-161-494-00	a	CERAMIC 0.022	25V	D405	8-719-911-19	a	1S8119
C760	1-161-494-00	a	CERAMIC 0.022	25V	D406	8-719-911-19	a	1S8119
C761	1-161-494-00	a	CERAMIC 0.022	25V	D407	8-719-911-19	a	1S8119
18)C762	1-102-110-00	a	CERAMIC 220PF	50V	D408	8-719-911-19	a	1S8119
CN101	1-506-747-21	a	PTN, DIN (DIP) 64P		D409	8-719-911-19	a	1S8119
CN102	1-506-747-21	a	PTN, DIN (DIP) 64P		D410	8-719-911-19	a	1S8119
D101	8-719-911-19	a	1S8119		D411	8-719-911-19	a	1S8119
D102	8-719-911-19	a	1S8119		D412	8-719-911-19	a	1S8119
D103	8-719-911-19	a	1S8119		D413	8-719-911-19	a	1S8119
D104	8-719-911-19	a	1S8119		D414	8-719-911-19	a	1S8119
D105	8-719-911-19	a	1S8119		D501	8-719-911-19	a	1S8119
D106	8-719-911-19	a	1S8119		D502	8-719-911-19	a	1S8119
D107	8-719-911-19	a	1S8119		D503	8-719-911-19	a	1S8119
D108	8-719-911-19	a	1S8119		D504	8-719-110-03	a	RD7.5SB-RZ
D109	8-719-911-19	a	1S8119		D601	8-719-911-19	a	1S8119
D112	8-719-911-19	a	1S8119		D701	8-719-911-19	a	1S8119
D115	8-719-911-19	a	1S8119		IC101	8-759-938-68	a	CXD1095Q(SONY)
D201	8-719-911-19	a	1S8119		IC102	8-759-970-31	a	M888202H-567M(RJITSU)
D202	8-719-911-19	a	1S8119		IC103	8-743-914-00	a	KX3914(SONY)
D203	8-719-911-19	a	1S8119		IC104	8-759-208-10	a	TC4053BPHS(TOSHIBA)
D204	8-719-911-19	a	1S8119		IC105	8-759-981-90	a	RC4558DD(RAYTHEON)
D205	8-719-911-19	a	1S8119		IC106	8-759-245-10	a	TC4510BP(TOSHIBA)
D206	8-719-911-19	a	1S8119		IC107	8-759-245-10	a	TC4510BP(TOSHIBA)
D207	8-719-911-19	a	1S8119		IC108	8-759-240-82	a	TC4082BP(TOSHIBA)
D208	8-719-911-19	a	1S8119		IC109	8-759-240-82	a	TC4082BP(TOSHIBA)
D209	8-719-911-19	a	1S8119		IC110	8-759-240-01	a	TC4001BP(TOSHIBA)
D301	8-719-911-19	a	1S8119		IC111	8-759-240-01	a	TC4001BP(TOSHIBA)
D302	8-719-911-19	a	1S8119		IC112	8-759-202-74	a	TC748004P(TOSHIBA)
D303	8-719-911-19	a	1S8119		IC113	8-759-916-20	a	SN74NC14N(TI)
D304	8-719-911-19	a	1S8119		IC114	8-759-208-10	a	TC4053BPHS(TOSHIBA)
D305	8-719-911-19	a	1S8119		IC115	8-759-208-10	a	TC4053BPHS(TOSHIBA)
D306	8-719-911-19	a	1S8119		IC116	8-759-202-14	a	TC748008P(TOSHIBA)
					IC118	8-759-345-38	a	HD14538P(HITACHI)
					IC201	8-759-981-84	a	LMC9030Q(RAYTHEON)
					IC202	8-759-132-40	a	uPC224C(NEC)

Ref No.	Parts No.	SP	Description	Ref No.	Parts No.	SP	Description
IC203	8-759-981-64	■	LM2903DQ(RAYTHEON)	L101	1-459-155-00	■	(WITH CORE) 45
IC204	8-759-240-71	■	TC4071BP(TOSHIBA)	L701	1-459-155-00	■	(WITH CORE) 45
IC205	8-759-207-73	■	TC40308PMB(TOSHIBA)	L702	1-459-155-00	■	(WITH CORE) 45
IC207	8-759-345-38	■	HD14538BP(HITACHI)	L703	1-459-155-00	■	(WITH CORE) 45
IC208	8-759-981-64	■	LM2903DQ(RAYTHEON)	L704	1-459-155-00	■	(WITH CORE) 45
IC209	8-759-981-64	■	LM2903DQ(RAYTHEON)	Q101	8-729-900-36	■	UTC124ES
IC210	8-759-910-43	■	CX23028(SONY)	Q102	8-729-900-63	■	DTA124ES
IC211	8-759-916-20	■	SN74HC14N(TI)	Q103	8-729-900-36	■	UTC124ES
IC301	8-752-811-83	■	CX980116-159Q(SONY)	Q104	8-729-178-54	■	25C2785
IC302	8-759-938-68	■	CXD1095Q(SONY)	Q105	8-729-178-54	■	25C2785
IC303	8-743-915-10	■	3X3915A(SONY)	Q201	8-729-178-54	■	25C2785
IC304	8-759-922-36	■	CX20060(SONY)	Q302	8-729-201-05	■	25C2878-B
IC306	8-759-345-38	■	HD14538BP(HITACHI)	Q303	8-729-178-54	■	25C2785
IC307	8-759-202-74	■	TC74HC04P(TOSHIBA)	Q304	8-729-900-36	■	UTC124ES
IC308	8-752-330-59	■	CXK1011P(SONY)	Q305	8-729-900-36	■	UTC124ES
IC309	8-759-977-78	■	M288342(FUJITSU)	Q306	8-729-900-36	■	UTC124ES
IC310	8-759-145-58	■	uPC4538C(NEC)	Q310	8-729-900-36	■	UTC124ES
IC311	8-759-345-38	■	HD14538BP(HITACHI)	Q401	8-729-178-54	■	25C2785
IC313	8-759-981-64	■	LM2903DQ(RAYTHEON)	Q402	8-729-117-54	■	25A1175-F
IC314	8-759-140-17	■	uPD4017BC(NEC)	Q403	8-729-900-36	■	UTC124ES
23)IC401	8-759-113-03	■	uPD78310CW(NEC)	Q404	8-729-900-36	■	UTC124ES
26)IC401	8-759-153-81	■	uPD78310ACW(NEC)	Q405	8-729-900-36	■	UTC124ES
IC402	8-759-202-89	■	TC74HC139P(TOSHIBA)	Q406	8-729-900-63	■	DTA124ES
IC403	8-759-202-26	■	TC74HC138P(TOSHIBA)	Q407	8-729-178-54	■	25C2785
IC404	8-752-321-02	■	CXK5816PW-1 5L(SONY)	Q408	8-729-900-63	■	DTA124ES
IC405	8-759-558-14	■	27C128-SV113-VL05	Q409	8-729-900-36	■	UTC124ES
IC406	8-759-203-35	■	TC74HC373P(TOSHIBA)	Q410	8-729-900-36	■	UTC124ES
IC407	8-759-203-68	■	TC74HC4040P(TOSHIBA)	Q502	8-729-900-36	■	UTC124ES
IC408	8-759-202-13	■	TC74HC004P(TOSHIBA)	Q503	8-729-201-05	■	25C2878-B
IC409	8-759-982-25	■	EC78109A(RAYTHEON)	Q504	8-729-900-63	■	DTA124ES
IC410	8-759-132-40	■	uPC324C(NEC)	Q505	8-729-201-05	■	25C2878-B
IC411	8-759-145-58	■	uPC4558C(NEC)	Q506	8-729-900-63	■	DTA124ES
IC412	8-752-806-91	■	CXK71054P(SONY)	Q507	8-729-201-05	■	25C2878-B
IC413	8-759-202-37	■	TC74HC4040P(TOSHIBA)	Q508	8-729-201-05	■	25C2878-B
IC414	8-759-202-37	■	TC74HC4040P(TOSHIBA)	Q514	8-729-178-54	■	25C2785
IC415	8-759-202-56	■	TC74HC245P(TOSHIBA)	Q601	8-729-178-54	■	25C2785
IC416	8-759-208-10	■	TC40538BP(TOSHIBA)	Q602	8-729-178-54	■	25C2785
IC417	8-759-203-33	■	TC74HC367P(TOSHIBA)	Q606	8-729-900-63	■	DTA124ES
IC418	8-759-345-38	■	HD14538BP(HITACHI)	Q607	8-729-900-36	■	UTC124ES
IC501	8-759-990-84	■	TL084CN(TI)				
IC502	8-759-132-40	■	uPC324C(NEC)				
IC503	8-759-145-58	■	uPC4558C(NEC)				
IC504	8-759-990-84	■	TL084CN(TI)				
IC505	8-759-145-58	■	uPC4558C(NEC)	R114	1-247-887-00	■	CARBON 220k 5% 1/4W
IC506	8-759-208-10	■	TC40538BP(TOSHIBA)	R124	1-247-903-00	■	CARBON 1 5% 1/4W
IC507	8-759-910-43	■	CX23028(SONY)	R132	1-247-887-00	■	CARBON 220k 5% 1/4W
IC508	8-759-981-64	■	LM2903DQ(RAYTHEON)	R204	1-247-903-00	■	CARBON 1 5% 1/4W
IC509	8-759-981-64	■	LM2903DQ(RAYTHEON)	R210	1-247-895-00	■	CARBON 470k 5% 1/4W
25)IC601	8-759-007-40	■	TL082CP(MOTOROLA)	R222	1-247-903-00	■	CARBON 1 5% 1/4W
26)IC601	8-759-990-82	■	TL082CP(TI)	R228	1-247-895-00	■	CARBON 470k 5% 1/4W
27)IC603	8-757-928-00	■	CK7928(SONY)	R242	1-247-887-00	■	CARBON 220k 5% 1/4W
28)IC603	8-752-037-23	■	CK7928A(SONY)	R253	1-247-887-00	■	CARBON 220k 5% 1/4W
				R260	1-247-887-00	■	CARBON 220k 5% 1/4W

Ref No. Parts No. SP Description

R353 1-247-899-11 ■ CARBON 680k 5X 1/4W
 R367 1-247-903-00 ■ CARBON 1 5X 1/4W
 R389 1-247-820-11 ■ CARBON 360 5X 1/4W
 R414 1-247-903-00 ■ CARBON 1 5X 1/4W
 R437 1-247-887-00 ■ CARBON 220k 5X 1/4W

R439 1-247-887-00 ■ CARBON 220k 5X 1/4W
 R440 1-247-883-00 ■ CARBON 150k 5X 1/4W
 R448 1-247-887-00 ■ CARBON 220k 5X 1/4W
 R501 1-247-747-11 ■ CARBON 470 5X 1/2W
 R502 1-247-747-11 ■ CARBON 470 5X 1/2W

R509 1-247-903-00 ■ CARBON 1M 5X 1/4W
 R511 1-247-887-00 ■ CARBON 220k 5X 1/4W
 R513 1-247-895-00 ■ CARBON 470k 5X 1/4W
 R515 1-247-895-00 ■ CARBON 470k 5X 1/4W
 R537 1-247-903-00 ■ CARBON 1M 5X 1/4W

R563 1-247-895-00 ■ CARBON 470k 5X 1/4W
 R566 1-247-903-00 ■ CARBON 1M 5X 1/4W
 R568 1-247-885-00 ■ CARBON 180k 5X 1/4W
 R570 1-247-889-00 ■ CARBON 270k 5X 1/4W
 R574 1-247-903-00 ■ CARBON 1M 5X 1/4W

R585 1-247-883-00 ■ CARBON 150k 5X 1/4W
 R587 1-247-885-00 ■ CARBON 180k 5X 1/4W
 R609 1-247-891-00 ■ CARBON 330k 5X 1/4W
 R629 1-247-903-00 ■ CARBON 1M 5X 1/4W
 R701 1-532-675-00 ■ LINK, IC

R702 1-532-675-00 ■ LINK, IC
 R703 1-532-675-00 ■ LINK, IC
 R704 1-532-675-00 ■ LINK, IC
 R906 1-247-899-11 ■ CARBON 680k 5X 1/4W
 R908 1-247-899-11 ■ CARBON 680k 5X 1/4W

RB101 1-231-411-00 ■ RESISTOR BLOCK 100k
 RB401 1-231-411-00 ■ RESISTOR BLOCK 100k

RV301 1-230-498-11 ■ VAR, METAL GLAZE 47k
 RV502 1-228-994-00 ■ VAR, CARBON 10k
 RV503 1-228-994-00 ■ VAR, CARBON 10k
 RV601 1-228-998-00 ■ VAR, CARBON 220k

S101 1-570-623-11 ■ DIP
 S102 1-554-303-21 ■ KEY BOARD "INC/START"
 S103 1-554-303-21 ■ KEY BOARD "DEC"
 S301 1-552-509-00 ■ DIP
 S302 1-552-539-00 ■ KEY BOARD "WR"

X301 1-567-962-11 ■ VIBRATOR, CRYSTAL 8MHz
 X401 1-567-865-11 ■ VIBRATOR, CRYSTAL 12MHz
 X601 1-567-504-11 ■ VIBRATOR, CRYSTAL 4.433619MHz

Ref No. Parts No. SP Description

FRANK

A-6709-616-A ■ HEAD DRUM ASS'Y DUM-44A-R
 A-6709-617-A ■ UPPER DRUM ASS'Y DUM-44-R

1-559-298-11 o CABLE, FLAT 10P
 (KT-101 to SY-102)

CN912 1-562-227-41 ■ RECEPTACLE, BNC
 "VIDEO IN"
 CN913 1-562-227-41 ■ RECEPTACLE, BNC
 "VIDEO IN"
 CN914 1-562-227-41 ■ RECEPTACLE, BNC
 "REF VIDEO IN (EXT SYNC IN)"
 CN915 1-562-227-41 ■ RECEPTACLE, BNC
 "REF VIDEO IN (EXT SYNC IN)"
 CN917 1-561-577-21 ■ SP(DIP TYPE)
 "MONITOR"

CN918 1-561-045-00 ■ 7P(F) "DUB IN"
 CN919 1-566-622-11 ■ 7P(M) "DUB OUT"
 CN920 1-562-227-41 ■ RECEPTACLE, BNC
 "VIDEO OUT 1"
 CN921 1-562-227-41 ■ RECEPTACLE, BNC
 "VIDEO OUT 2"

CN922 1-562-227-41 ■ RECEPTACLE, BNC
 "MONITOR VIDEO"
 CN923 1-562-227-41 ■ RECEPTACLE, BNC
 "REF VIDEO OUT"
 CN924 1-562-227-21 ■ RECEPTACLE, BNC
 "RF (OFF TAP)"
 CN925 1-562-227-21 ■ RECEPTACLE, BNC
 "TIME CODE IN"
 CN926 1-562-227-21 ■ RECEPTACLE, BNC
 "TIME CODE OUT"

CN927 1-563-029-21 ■ RECEPTACLE, XLR, 3P(F)
 "AUDIO IN CH-1/L"
 CN928 1-563-029-21 ■ RECEPTACLE, XLR, 3P(F)
 "AUDIO IN CH-2/R"
 CN929 1-563-030-21 ■ RECEPTACLE, XLR, 3P(M)
 "AUDIO OUT CH-1/L"
 CN930 1-563-030-21 ■ RECEPTACLE, XLR, 3P(M)
 "AUDIO OUT CH-2/R"
 CN931 1-563-030-21 ■ RECEPTACLE, XLR, 3P(M)
 "AUDIO OUT MONITOR"

ACN932 1-569-546-11 ■ AC INLET "AC IN"

CN934 1-560-769-00 ■ 15P, PLUG "TBC REMOTE"

AF1 1-532-350-00 ■ FUSE, GLASS TUBE 4A

H1002 8-825-576-30 ■ ACE, EF6254-5803A
 "AUDIO/CTL/ERASE"
 H1003 8-825-544-20 ■ ERASE, EF232-58
 "FULL ERASE"
 H1004 8-825-771-31 ■ PF295-58
 "TIME CODE"

18-4. PACKING MATERIAL AND ACCESSORIES (SUPPLIED)

Ref No.	Parts No.	SP	Description
J1	1-507-553-00	■	JACK "HEADPHONES"
M1001	8-835-258-02	■	DC, MFR-1915B "CAPSTAN"
M1002	8-835-255-01	■	DC, MFR-2900B "T-REEL"
M1003	8-835-255-01	■	DC, MFR-2900B "S-REEL"
M1004	8-835-055-01	■	DC, DNR-4700A "LOADING"
M1005	8-835-179-01	■	DC, MCR-15 "CASSETTE COMPARTMENT"
M1006	1-541-431-31	■	DC "FAN"
M1001	1-520-393-00	■	"AUDIO CH-1"
M1002	1-520-393-00	■	"AUDIO CH-2"
M1003	1-520-440-00	■	"VIDEO/RF"

PM1001	1-454-417-31	■	12V 12/90ohm "S-BRAKE"
PM1002	1-454-417-31	■	12V 12/90ohm "T-BRAKE"
PM1003	1-454-416-31	■	12V 7/35ohm "PINCH"

A8901	1-576-117-11	■	ROCKER "POWER"
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Part No.	SP	Description
A-6729-494-A	■	EXTENSION BOARD, EX-127
A-6729-495-A	■	EXTENSION BOARD, EX-128
A-1-590-910-11	■	CORD, POWER (300RE) (for EK)
1-557-377-11	■	CORD, POWER (300RE) (for U)
1-555-873-13	■	CABLE, REMOTE CONTROL 9P
3-688-884-01	○	CUSHION, UPPER
3-688-885-01	○	CUSHION, LOWER
3-701-625-00	■	BAG, POLY (FOR EX-127)
3-701-632-00	■	BAG, POLY (FOR MANUAL)
3-701-634-00	■	BAG, POLY (FOR EX-128)
3-701-649-00	■	BAG, POLY (FOR VTR)
3-718-782-01	■	INDIVIDUAL CARTON
3-718-784-01	■	SLEEVE
3-718-785-01	■	SPACER
Standard		DUBBING CABLE, VDC-5
Products		
1-508-948-00	■	CONNECTOR, MALE
1-561-055-00	■	CONNECTOR, FEMALE

18-5. FIXTURE (OPTION)

Part No.	SP	Description
J-6001-820-A	■	DRUM ECCENTRICITY GAUGE (3)
J-6001-830-A	■	DRUM ECCENTRICITY GAUGE (2)
J-6001-840-A	■	DRUM ECCENTRICITY GAUGE (1)
J-6001-930-A	■	DRUM ECCENTRICITY GAUGE (4)
J-6009-830-A	■	FLATNESS PLATE
J-6026-240-A	■	ADJUSTMENT DRIVER
J-6130-010-A	■	REEL TABLE HEIGHT CHECK BASE GAUGE
J-6130-020-A	■	REEL TABLE HEIGHT CHECK GAUGE
J-6150-140-A	■	ECCENTRIC SCREWDRIVER (6 MM DIA.)
J-6153-020-A	■	DIMEDRAL ADJUSTMENT SCREWDRIVER
J-6153-720-A	■	REEL MOTOR SHAFT SLANTNESS ADJUSTMENT GAUGE
J-6153-730-A	■	HEXAGONAL SCREWDRIVER (1.27 MM)
Y-2031-001-0	■	CLEANING FLUID
2-034-697-00	■	CLEANING PIECE
3-702-390-01	■	ECCENTRIC SCREWDRIVER (4 MM DIA.)
3-702-391-01	■	ECCENTRIC SCREWDRIVER (5 MM DIA.)
7-700-736-01	■	L-SHAPE HEXAGONAL WRENCH (1.27 mm)
7-700-736-05	■	L-SHAPE HEXAGONAL WRENCH (1.5 mm)
7-723-902-00	■	DENTAL MIRROR
7-732-050-30	■	TENSION SCALE (100G FULL SCALE)
7-732-050-40	■	TENSION SCALE (200G FULL SCALE)
8-960-012-83	■	ALIGNMENT TAPE, RE5-3SD PAL
8-960-036-02	■	ALIGNMENT TAPE, RE2-1SD PAL
8-960-036-01	■	ALIGNMENT TAPE, RE5-1SD PAL
8-899-999-53	■	TORQUE MEASUREMENT TAPE (100 MM DIA.)
9-911-055-00	■	THICKNESS GAUGE
Standard		HEAD DEMAGNETIZER, HE-4
Products		

Parts that are not listed in the "reference number order list" are shown in the "General Purpose Electrical Parts List".